NOKIA

CONNECTING PEOPLE

User Guide

NOKIA 8260

Nokia 8260
User Guide

Legal information

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This device complies with part 15 of the FCC rules. Operation is subject to the condition that this device does not cause harmful interference.

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Contents

1. For your safety 1
2. Welcome 3
   - Before you begin 3
     - Understand network services 3
     - Visit Nokia on the Web 3
   - Contacting Nokia 4
   - When you need to contact your service provider 4
3. Prepare your phone for use 5
   - Install the battery 5
     - First, remove the back cover 5
     - Next, insert the battery 5
     - Last, replace the back cover 5
     - Charge the battery 5
     - When the charger is not in use 6
   - When you need to remove the battery 6
4. Get to know your phone 7
   - Keys and screen 7
     - Keys 8
     - Power key 9
     - Start screen 9
   - Navigation keys 9
     - Selection keys 9
     - Scroll key 10
     - Scroll bar 10
   - Indicators and icons 10

5. Make and answer calls 13
Make a call 13
Answer a call 13
Adjust the earpiece volume 14
Redial the last-dialed number 14
Use caller ID 14
Get a strong signal 14
Keep calls private 15
6. Use phone menus 16
Navigate menus 16
Scroll through menus 16
Use a shortcut 16
Exit menu levels 17
Get help 17
List of shortcuts 17
7. Enter letters and numbers 21
Enter letters 21
Edit names 22
Change from capital (uppercase) letters 22
Use punctuation and special characters 22
Enter numbers 23
List of special characters 23
8. Use the phone book 24
About the phone book 24
Use phone book menus 24
Change views 25
Add names and numbers 26

Change a stored telephone number. 26
Recall and redial numbers 27
Erase stored names and numbers 28
Erase the entire phone book. 28
Check memory status 29

9. Use voice mail 30
When you have a message 30
Set up your voice mailbox 30
Set greetings and passwords 31
Listen to your voice messages 31

10. Work with the call log 32
Check the call log 32
Check missed calls 33
Check previously dialed calls 33
Check received calls 34
Clear call lists 34
Check call timers. 35
Turn on a current call timer. 36
Clear call timers 36

11. Use advanced calling features 37
Set in-call options. 37
Use call waiting. 38
Store the call waiting feature code. 38
Manage calls. 38
Make a conference call 39
Recall a number from the phone book during a conference call. 39

Use call forwarding 40
Store the call forwarding feature code 40
Activate call forwarding 40
Redial automatically 41
Use a calling card 42
Save calling card information (step 1) 42
Save calling card information (step 2) 43
Choose a calling card to use 44
Make a calling card call 44
Send your own number in caller ID. 44
Store the Send Own Number feature code 45
Set whether or not your number will appear . . 45
Select a phone number 45
Select the phone number 46
Select digital or analog 46
Set touch tones. 47
Set manual touch tones 47
Set touch tone length 47
Store touch tone sequences (strings) 48

12. Customize your phone 49
What is a profile? 49
Select a different profile 49
Customize a profile 50
Set ringing options. 50
Set the ringing volume 51
Set the ringing tone. 52
Set a vibrating alert 52

Set keypad tones. 53
Set warning and game tones. 53
Set the message alert tone 54
Set your phone to answer automatically 54
Set the lights (car kit only) 55
Rename profiles. 55
Restore factory settings 56
Set the display language 56
Set and display the clock 56
Set the clock 56
Display or hide the clock 57
Select the time format 57
Set automatic update of date and time 58
Turn on automatic update of date and time . . .58
Automatic update of date and time: confirm first 58
Turn off automatic update of date and time . . .58
Add a welcome note 59
Use 1-touch dialing 59
Assign a name or number to a 1-touch dial key 60
Change 1-touch dialing numbers 60
Erase 1-touch dialing numbers 60
Use emergency key 9 61
Activate the emergency key 9 61
Make an emergency call 61

Use caller groups 62
Add names to a caller group 62
Assign a ringing tone to a caller group 62
Rename a caller group. 63
Remove names from a caller group 63
Display caller group graphics 63
Receive a downloaded graphic 63
View the new graphic 64
Save a received graphic. 64
Discard a received graphic 64
13. Security 65
Change your security code. 65
Protect your phone with the lock code. 66
Turn on the phone lock 66
Store an unlocked phone number. 67
Call the unlocked phone number 67
Answer a call with phone lock on. 67
Change your lock code 67
Turn off phone lock 68
Lock the keypad 68
Activate keyguard 68
Deactivate keyguard 69
Answer a call while keyguard is active 69
Restrict calls 69
Restrict outgoing calls. 70
Restrict incoming calls 70

14. Set network services features 71
Set up how your phone selects a system 71
Set up the way your phone selects a network . .72
Switch from a private system
to a public system. 72
Select a public system 73
Roaming. 74
15. Send and receive text messages 75
About writing messages 75
Write with standard text input 75
Write with predictive text input 76
Turn on predictive text input. 76
Keys and tools for predictive text input 77
Turn off predictive text input. 78
Notes about predictive text input 78
Write and send a text message 79
Save a message in the saved folder 80
Resend a message from the outbox 80
Receive a text message. 81
Read a text message. 81
Choose options for a text message 82
When your phone's memory is full 82
Erase a message 83
Reply to a message 83
Forward a message 83

16. Send and receive e-mail messages 84
Save e-mail addresses 84
Save an e-mail address for an existing name . . 84
Add a new e-mail address. 84
Edit an e-mail address. 85
Send an e-mail message 85
Options for a completed e-mail message 86
Receive an e-mail message 87
Read an e-mail message 87
Reply to or forward an e-mail message 88

17. Use your personal assistant 90
Use the calendar. 90
View the calendar 90
Move from day to day 91
Create a calendar note 91
View the day's notes 94
Erase notes 95
When a calendar alarm goes off. 95
Send or receive calendar notes. 96
Send and receive business cards 97
Send a business card 97
View a received business card. 97
Save a viewed business card 97
Delete a viewed business card 98
Download ringing tones. 98
Notification of received ringing tone 98
Listen to received ringing tones 98

Save received ringing tones 98
Discard received ringing tones. 99
Alarm clock 99
Set the alarm clock. 99
Turn off the alarm clock when it rings 100
Turn off the alarm clock altogether 100
Calculator. 100
Use the calculator. 100
Convert currency. 101

18. Games. 103
Memory 103
Snake 104
Logic. 104
Rotation 105

19. Reference information 106
Batteries, chargers, and accessories 106
Important safety information. 107
Traffic safety 107
Operating environment 108
Electronic devices 108
Potentially explosive atmospheres 110
Vehicles 110
Emergency calls. 111
Make an emergency call 111
Radio frequency (RF) signals 112
Care and maintenance 114

Accessories 115
Battery. 116
Chargers and other accessories. 117
Standard Travel Charger (ACP-7U) 117
Rapid Travel Charger (ACP-8U). 117
Rapid Mobile Charger (LCH-8/LCH-9) 118
Desktop Charging Stand (DCV-11) 118
Troubleshooting 119
20. Frequently Asked Questions (FAQ) 120
21. Glossary. 124
22. Technical Information 128
23. NOKIA One-Year Limited Warranty. 129
24. Index 134

1. For your safety

This section provides various safety guidelines. Read this information before using your mobile phone (called *phone* throughout this guide). Failure to comply with these guidelines could prove either dangerous or illegal.

For more detailed safety information, see "Important safety information" on page 107.

Road safety comes first

Don't use a phone while driving. Park the vehicle first.

Switch off in hospitals

Switch off your phone when you are in a hospital or when you are near medical equipment. Follow any regulations or rules that are in force.

Switch off on aircraft

Do not use phones on airplanes as this can cause interference with the navigational equipment. Also, the use of phones on airplanes is illegal.

Switch off when refueling

Do not use your phone at a refueling point or near fuels or chemicals of any kind.

Switch off near blasting

Do not use the phone where blasting is in progress. Observe restrictions and follow any regulations or rules that are in force.

Interference

All phones are susceptible to interference, which could affect performance. This could impede the making of an emergency call.

Use sensibly

Use only in the normal position (to ear). Avoid unnecessary contact with the antenna when phone is on.

Qualified service

Only qualified service personnel can install or repair cellular phone equipment.

Accessories and batteries

Use only approved accessories and batteries. Do not connect incompatible products.

Calling

Make sure the phone is switched on and in service. Enter the phone number, including the area code, then press . To end a call press . To answer a call press .

Emergency calls

Make sure the phone is switched on and in service. Press and hold at any time to clear the screen. Enter the emergency number, then press . Give your location. Do not end the call until told to do so.

Note: You can also press and hold the 9 key to make an emergency call, if the emergency key 9 feature is activated.

2. Welcome

• Before you begin

This section provides information that you need to know before you begin using your phone.

This guide describes the Nokia 8260 phone, which is approved for use in the 800/1900 MHz TDMA/AMPS networks.

Understand network services

A number of features known as *network services* are described in this guide. These are special services you arrange through your wireless service provider.

Before you can take advantage of these network services features, you must subscribe to them through your service provider. Your service provider will give you instructions on how to use these network services. This guide will instruct you on when you need to contact your service provider for more step-by-step information.

Note: Some networks may not support all language-dependent characters and/or services.

Visit Nokia on the Web

The latest version of this manual may be available on Nokia's World Wide Web site at:

www.nokia.com.

Interactive manual

Now, Nokia has a great new way for you to learn how to use all of your phone features. Go to **www.nokiahowto.com** to access the Nokia Interactive User Guide. It provides an interactive way to get step-by-step instructions for any of your phone features.

• Contacting Nokia

Nokia Customer Care Center
Nokia Inc.
7725 Woodland Center Boulevard, Suite 150
Tampa, FL 33614
Tel: 1-888-NOKIA-2U (1-888-665-4228)
Fax: 1-813-249-9619

For the hearing-impaired only (TTY):
1-800-24-NOKIA (1-800-246-6542)

Customer Care, Canada
Nokia Products Ltd.
575 Westney Rd. South
Ajax, Ontario L1S 4N7
Tel: 1-888-22-NOKIA (1-888-226-6542)
Fax: 1-905-427-1070

• When you need to contact your service provider

Some service providers enable you to contact them by pressing and holding the 2 key on your phone. This feature can be helpful if you're having trouble dialing a number, especially when traveling outside your home area.

If your service provider deems your problem to be Nokia related, the service provider will let you know.

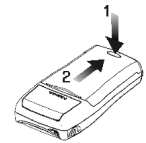
Note: This one-key feature might not be available on all systems. Contact your service provider for availability.

3. Prepare your phone for use

• Install the battery

First, remove the back cover

To attach and remove the battery, you need to first remove the phone's back cover.



1 Press down on the tab on the bottom of the cover.

2 Slide the cover down and lift it off.

Next, insert the battery

Before you can use your phone, you must insert the battery.

1 Place the top of the battery on the phone, with the gold contacts toward the top of the phone.

2 Press down on the bottom of the battery until it is fully down.

Last, replace the back cover

1 Place the cover on top of the battery so that none of the battery is showing.

2 Slide the cover up until it clicks into place.

Charge the battery

Before you use your phone, and when the battery runs down, you need to charge it.

1 Connect the lead from the charger to the bottom of the phone.

2 Connect the charger to an AC wall outlet.

If the phone is turned on, the messages **Charger connected** and then **Charging** appear. Then the battery power indicator bar starts to flash up and down (scroll).

- You can use the phone while the battery is charging.
- *Important:* Disconnect your phone from the charger if the phone becomes hot while you're making a call.
- If the battery is totally empty, it might take a few minutes before the charging indicator appears on the screen.
- The time it takes to charge the battery depends on the charger you use.

The battery is fully charged when the battery indicator bar stops scrolling and the **Battery full** message appears (if the phone is on).

3 Disconnect the charger from the AC outlet and the phone.

When the charger is not in use

- When a charger is not in use, disconnect it from the power source.
- Do not leave the battery connected to a charger for longer than a week, since overcharging the battery could shorten its lifespan. If left unused, a fully charged battery will discharge itself over time.

• When you need to remove the battery

Later on, you may need to remove the battery.

1 Make sure the phone is off.

2 Remove the phone's back cover, grasp the ridge at the end of the battery with a fingernail, and lift the battery out.

4. Get to know your phone

• Keys and screen

1 Volume keys

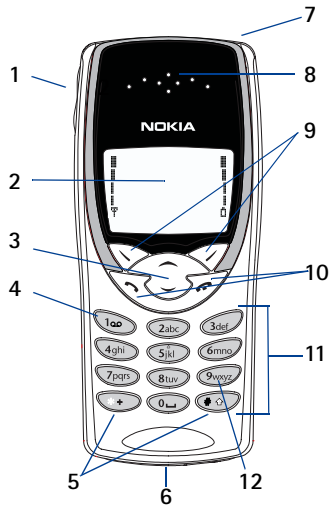
2 Screen

3 Scroll keys

4 Voice mail key

5 Special character keys

6 Microphone



7 Power key

8 Earpiece

9 Selection keys

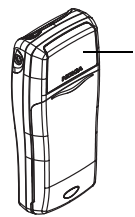
10 Talk and End keys

11 Number keys

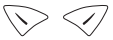
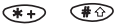
12 Emergency key 9

Back of phone

Tip: As with any other radio transmitting device, do not touch the antenna unnecessarily when the phone is switched on. Contact with the antenna affects call quality and might cause the phone to operate at a higher power level than needed.



Keys

	Power key: Press and hold the key to switch the phone on or off. **Note:** This key is on the top of the phone.
	**Selection keys:** Press to perform the function indicated by the text on the screen above the key.
	Talk key: Press to make or answer a call. **Tip:** Press once to display a list that shows the last-dialed numbers. **Tip:** Press 9, then to make an emergency call if the emergency key 9 feature is activated.
	End key: Press to end a call or silence the ringing for an incoming call. **Tip:** Press this key once to return to the Start screen.
	Number keys: Use keys 2 through 9 to enter numbers and letters. Press and hold to call your voice mailbox. **Note:** Press if you want to insert a blank space while entering text.
	**Special character keys:** Use to enter special characters. **For example:** Pressing while you are entering letters changes the letter case.
	Scroll keys: Press to move up, and to move down, through your phone's menu or phone book.

Power key

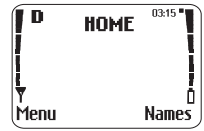
- To turn the phone on or off, press and hold the Power key.

  The Power key is on the upper-right, top portion of the phone.

Warning: Do not switch on the phone where wireless phone use is prohibited, or where the use of a phone might cause interference or could be a danger.

Start screen

When you turn on your phone, a Nokia welcome appears, and then you see the Start screen. The Start screen is the "home base" for your phone.



If you have already made a feature choice and are no longer at the Start screen but wish to return to this screen:

- Press .

• Navigation keys

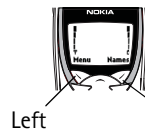
Selection keys

Use the selection keys to navigate through and select the phone's many options.

At the Start screen, two options appear: **Menu** and **Names**.

The selection keys (and) are just below these options.

- The left selection key appears under **Menu**.
- The right selection key appears under **Names**.



At the start screen, when you press the *left* selection key , the first menu item, **Messages**, appears. The text above the left selection key becomes **Select** and the text above the right selection key becomes **Exit**.

At the start screen, when you press the *right* selection key , the six options for the **Names** feature appear, along with the same **Select** and **Exit** options that appear when you select **Menu**.

This guide refers to the selection keys by the names that appear above them. *Example:* "Press **Menu**" means to press the selection key below the word **Menu**.

Scroll key

Your phone has a scroll key with an up and a down arrow.

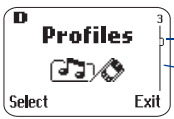
This guide refers to these arrows as if they were two separate keys:

(and).

Scroll bar

When you press **Menu**, a scroll bar appears on the far right side of the screen. This bar appears as a straight line with one tab, and it indicates your location in the menu.

As you progress through the menu, the tab moves lower on the scroll bar. If you move backward through the menu, the tab moves up.



Tab

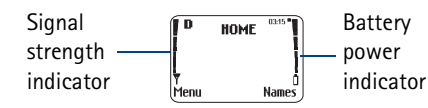
Scroll bar: This view shows the scroll bar down three tab positions from the beginning of the menu list. The number **3** appears above the scroll bar, showing the tab position.

• Indicators and icons

On your phone, you have two types of identifiers: indicators and icons. Icons are graphical representations of a specific item or situation. For example, an icon appears when you have a voice message waiting to be heard.

Indicators show the status of something. The phone uses three types of indicators:

- Signal strength indicator
- Battery power indicator
- Handset volume indicator



Signal strength: This indicator shows the signal strength of the wireless network at your current location. The higher the bar, the stronger the signal.

Battery power: This indicator shows the battery charge level. The higher the bar, the more power in the battery.

Handset volume: This indicator appears only when you press the volume keys. It illustrates the volume level during a call.

The list below shows what each icon means.

You have an active call.

The phone is waiting for you to enter a response.

You have selected **Silent** as the current profile.

The keyguard has been activated to prevent any accidental key presses.

You have one or more voice messages waiting.

You have one or more unread text messages waiting.

Digital service is available.

Any alpha characters you enter will be uppercase (capital letters). Press the # key to switch between upper and lowercase letters.

Any alpha characters you enter will be lowercase. Press the # key to switch between upper and lowercase letters.

You are in predictive text mode. You can enter words by pressing each number key only once for each letter.

This appears when you press and hold the # key while storing names. After switching to this *numbers* mode, you cannot enter any alpha characters. You can enter only numbers.

This appears when you press the * key while storing names. You are in *special character* mode. You can select a special character by pressing **Insert**.

The alarm clock is set.

You have a reminder in your calendar to do something. (Appears only on Calendar display.)

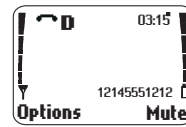
You have a reminder in your calendar that it's someone's birthday. (Appears only on Calendar display.)

You have a reminder in your calendar to call someone. (Appears only on Calendar display.)

You have a reminder in your calendar of a meeting. (Appears only on Calendar display.)

5. Make and answer calls

Make a call



1 Hold the phone as you would any other telephone, with the earpiece over your ear and the microphone near your mouth.

2 Deactivate the keyguard, if it is on.

Nokia recommends that you use the keyguard, so you need to check to see if it is on and deactivate it before you make a call.

3 Enter the phone number—including the area code—and press .

Note: Your phone has a built-in antenna. As with any other radio-transmitting device, *do not* touch the antenna unnecessarily while the phone is on. Contact with the antenna affects call quality and could cause the phone to operate at a higher power level than otherwise needed.

4 Press to end the call or to cancel the call attempt.

Note: It is normal for your phone to become hot during use. If the phone becomes too hot, it automatically drops the current call and returns to the Start screen. Until the phone cools, you will be unable to receive or make calls.

Answer a call

To answer a phone call:

1 Press any key to answer the call.

2 Press to end the call.

Tip: You can mute the ringing of an incoming call by pressing or a quick press of the power key.

Adjust the earpiece volume

You can adjust the earpiece volume (while in a call or at any time) by pressing the volume keys on the upper left side of the phone.

- Press the key up to increase the volume.
- Press down to decrease the volume.

Redial the last-dialed number

To redial the last-dialed number on your phone:

1 If not there, return to the Start screen by pressing . Otherwise, proceed to step 2.

2 Press two times.

Use caller ID

Caller ID is a network service that identifies incoming calls. Contact your service provider to find out how to get this feature.

When Caller ID is active, your phone shows the caller's phone number during an incoming call, as long as this number is a part of your service provider's wireless network.

The wireless network lets you know if it doesn't recognize the calling number. The wireless network will also let you know if the calling party has blocked the Caller ID feature.

If you have stored the name and number of the calling party in your phone book and that number is supported by the wireless network, the caller's name might also appear.

Get a strong signal

Your phone operates on radio waves, and the quality of radio reception depends on the strength of the radio signal in your area. This radio coverage is maintained by a wireless network, and the quality of calls on a wireless phone depends on the strength of the wireless radio signal.

Check signal strength

When you are at the Start screen or in a call, the strength of the radio signal is indicated by the signal indicators on the left side of your phone's screen. The signal indicators move up as the strength of the signal increases and down as it decreases. Increasing your phone's signal may be easy. Try moving your phone slightly, or move toward a window if you're calling from inside a building.

This phone is optimized for digital service in a compact size. Therefore, when your phone is operating in analog mode, the service area in which you can place and receive calls may be smaller.

Keep calls private

The Voice Privacy feature encrypts the voice channel so that people cannot eavesdrop on your phone conversations.

Voice Privacy is a network service, so you must contact your service provider to obtain access to the feature.

To turn on Voice Privacy:

1 Press **Menu 4 > 5 > 1 (Settings > Network services > Voice privacy)**.

2 Scroll to **On** and press **OK**.

During a call, Voice Privacy becomes active and notifies you with a beep. The message **Voice privacy active** also appears on the screen.

To turn off Voice Privacy:

- Repeat the steps above except, in step 2, scroll to **Off**.

Note: If you turn this feature on and Voice Privacy becomes inactive for any reason, your phone displays the message **Voice privacy not active** and beeps.

6. Use phone menus

• Navigate menus

A *menu* is a list of choices you can make. Your phone has 9 main menus. Each main menu contains numerous submenus that allow you to use the phone book, change the ringing tone, and so on. You can use menus and submenus two ways: by *scrolling* or by using *shortcuts*.

Scroll through menus

1 From the Start screen, press **Menu**, and then scroll through the menus using the ⌄ and ⌃ keys.

2 Press **Options**, **Select**, or **OK**, using the selection keys, at the option you want.

3 Use the scroll and selection keys to navigate the submenus and to return to the Start screen.

Use a shortcut

To get to options directly, without scrolling through lists, you can use a shortcut.

Example

Suppose you want to customize a ringing option.

1 From the Start screen, press **Menu**, and then press the number of the menu item you want.

2 For this example, press **Menu 3 > 1 > 2 > 1** (the same as pressing **Menu > Profiles > Customize > Ringing Options**).

3 When the ringing options appear, scroll through them, select the one you want, and press **OK**.

Note: Don't pause too long between numbers. The phone remembers the last key pressed for only about 2 seconds. For example, if you press **Menu 3 > 4**, and pause too long between **3** and **4**, the result is the same as pressing *only* **Menu 3**.

Exit menu levels

- To return to the previous menu level, press **Back** or **Exit**.
- To return to the Start screen, press .

  No menu setting changes are saved.

Get help

For most of the menu items in your phone, a brief help text is provided. To view the help text of a menu item, scroll to an item and wait 5 seconds.

• List of shortcuts

Your phone's menu may differ from the following list, depending on the network services to which you have subscribed and the accessories you are using. If you have any questions, call your service provider.

1 Messages
- 1 Text messages (1 > 1)
  - 1 Inbox
  - 2 Saved
  - 3 Write message
  - 4 Outbox
  - 5 Write e-mail
  - 6 Erase all
    - 1 All read
    - 2 All in inbox
    - 3 All saved
    - 4 All in outbox
- 2 Voice messages
  - 1 Listen to voice messages
  - 2 Voice mailbox number
- 3 Welcome Note

2 Call log

1 Missed calls
2 Dialed calls
3 Received calls
4 Clear call lists
5 Call timers

3 Profiles

1 Normal
  1 Select (not available for Headset or Car Kit)
  2 Customize (the following submenus appear in all profiles)
    1 Ringing options
    2 Ringing volume
    3 Ringing tone
    4 Vibrating alert
    5 Keypad tones
    6 Warning and game tones
    7 Message alert tone
    8 Lights (available only with Car Kit)
    9 Automatic answer (available only with Headset or Car Kit)
  3 Rename a profile (not available for Headset, Car, or Normal)
2 Silent
3 Meeting
4 Outdoor
5 Pager
6 Car (available only with Car Kit)
7 Headset (available only with Headset)

4 Settings

1 Call settings
  1 Emergency key 9
  2 Automatic redial
  3 Calling card
2 Phone settings
  1 Clock
  2 Alarm clock

   3 Touch tones
      1 Manual touch tones
      2 Touch tone length
   4 Restore factory settings
   5 Language
      1 English
      2 French
      3 Spanish
      4 Portuguese
      5 Russian
      6 Hebrew
      7 Traditional Chinese
3 Security settings
   1 Restrict calls
      1 Restrict outgoing calls
      2 Restrict incoming calls
   2 Access codes
      1 Phone lock
      2 Unlocked phone number
      3 Change lock code
      4 Change security code
      5 Hidden voice mailbox password
4 Auto update of date and time
   1 On
   2 Confirm first
   3 Off
5 Network services
   1 Voice privacy (must be added manually)
   2 Call forwarding (must be added manually)
   3 Call waiting (must be added manually)
   4 Send own number (must be added manually)
   5 Network feature setting
   6 Own number selection

7 Public system selection (might not be available; see your service provider)
8 Digital/analog selection (might not be available; see your service provider)

5 System

1 Automatic
2 Manual
3 New search

6 Games

1 Memory
2 Snake
3 Logic
4 Rotation

7 Calculator

8 Calendar

9 Keyguard

7. Enter letters and numbers

Note: For text messages and calendar notes, you can use predictive text input. This method is covered in "Write with predictive text input" on page 76.

• Enter letters

When you want to add new names or when you view names in the phone book, your phone automatically switches to the ABC mode and displays the ABC icon.

- Press a key once or several times to enter the letter(s) you want.

  For example, press the 2 key three times to enter the letter *C*.

Key	Characters	Key	Characters
1	. , ' ? ! @ - 1	7	PQRS7
2	ABC2	8	TUV8
3	DEF3	9	WXYZ9
4	GHI4	0	Enters an empty space or 0
5	JKL5	*	Special characters
6	MNO6	#	Changes letter case; long press toggles between ABC/ abc and 123 mode

Edit names

To edit a name in the phone book:

- Use the scroll key to move the cursor to the left.
- Use the scroll key to move the cursor to the right.
- Press **Clear** to correct any mistakes.

Change from capital (uppercase) letters

To switch between capital letters (uppercase) and lowercase letters:

- Press the key.

  The ABC icon switches to abc, indicating that you are using lowercase.

- To switch back to uppercase, press the key again.

Use punctuation and special characters

When in ABC mode, you can enter special characters. To do so, press the key. The following special characters appear:

. , @ ? ! : ; - + # * ( ) ' " _ & $ % / < > =

- Press or to move to the character that you want to use and press **Insert**.
- Press to move quickly up and down between rows of characters.

Tip: If you want to access a special character that appears toward the end of this list, press for quicker access.

• Enter numbers

You use the 123 mode to enter numbers. When you're in 123 mode, the screen shows the 123 icon.

Note: You cannot enter special characters in 123 mode from the special characters list.

- If you are in ABC mode, press and hold the #⇧ key for about 2 seconds.

  The 123 icon appears, enabling you to enter only numbers.

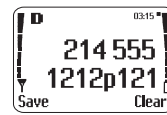
- To return to ABC mode, press the #⇧ key again for a couple of seconds.

List of special characters

Your phone provides special characters you can use to insert "wait" times into a number.

- To insert the following characters into a number, press the *+ key several times.
- Continue entering the rest of the number as usual.

p Use to create a pause when a number is dialed. The numbers you enter after this special character are automatically sent as touch tones after a 2.5-second pause.



w Use to create a "wait" when a number is dialed. This means that your phone waits for you to press the call key before it sends the number as touch tones.

8. Use the phone book

• About the phone book

Your phone includes a phone book that can store up to 250 names and associated phone numbers. Stored numbers can be up to 32 digits long. Stored names can be up to 26 characters long.

Make entries unique

You cannot store identical names in your phone.

> *Example:* You can't have one entry for *John Jone*s with a home number and another entry for *John Jones* with a work number. You need to store the names as, for example, *John Jones Work* and *John Jones Home*.

If you enter a name that's already in your phone book, the message **Replace?** appears, followed by the currently stored name.

- Press **Back** to end this sequence without replacing the name.

• Use phone book menus

The phone book has several menus from which you can choose. These menus appear when you press **Names**. Use the scroll keys to move to the menu you want to use.

Search	Allows you to search for a specific name.
Add new	Allows you to enter new names and numbers.
Options	Allows you to choose your scrolling view and to show the memory status.
1-touch dialing	Allows you to assign up to seven 1-touch dial locations.

Caller groups	Allows you to rename or change the ringing tone for a caller group, as well as turn the group graphic on or off.
Erase all	Allows you to erase all names and numbers in the phone book. To erase only one name and number at a time, while viewing a name in the phone book press **Details** or **Options**, then scroll to **Erase** and press **Select**.

Change views

You can view your phone book in three different ways:

Name list	Shows all the names that are stored in your phone book. Three names appear on the screen at a time.
Name+number	Shows individual names and numbers. Only one name appears on the screen at a time, with its corresponding phone number. **Name + number** is the default setting.
Name only	Displays individual names only. You can view the corresponding phone number by pressing **Details** and then scrolling up or down.

In all views, you can use the scroll keys to move up and down through the list of names.

Select a scrolling view

1. Press **Names**.
2. Scroll to **Options**, then press **Select**.
3. At **Scrolling view**, press **Select**.
4. Scroll to the view you want and press **OK**.

• Add names and numbers

1 Press **Names**.

2 Scroll to **Add new** and press **Select**.

3 Using the keypad, enter the name.

Use the #⇧ key to switch between upper and lowercase letters.

4 Press **OK**.

5 Enter the phone number and press **OK**.

Shortcut

You can also enter numbers by using a shortcut from the Start screen.

1 Enter a phone number and press **Save**.

2 Enter a name at **Name**.

Note: Step 2 is optional.

3 Press **OK**.

• Change a stored telephone number

You can change a number without changing its associated name.

1 Press **Names**.

2 At **Search**, press **Select**.

3 Enter the first few letters of the first name of the person for whom you are searching and press **OK**.

If you chose **Name only** or **Name list** as your scrolling view, continue to step 4. If you chose **Name+number** as your scrolling view, proceed to step 5.

4 Press **Details** to view the number.

5 Press **Options**.

6 If **Edit** is not highlighted, scroll to it and press **Select**.

7 Press **OK**.

The associated number appears.

8 Press **Clear** to erase one number at a time, or press and hold **Clear** to erase all the numbers on the screen.

Use the ▽ and △ keys move within the digits in the number.

9 Enter the new number.

10 Press **OK** to save the new number.

• Recall and redial numbers

You can recall and dial numbers using one of three methods.

To recall and dial a number:

1 At the Start screen, press ▽ or △ to display the names and associated numbers that are stored in your phone book.

2 Scroll to the appropriate name and press ☎ to dial the associated number.

OR

1 At the Start screen, press **Names**.

2 Begin entering the first few letter of the name you want to call.

3 When the appropriate name/number appears on the screen, press ☎ to dial this number.

OR

1 At the Start screen, press **Names**.

2 At **Search**, press **Select**.

3 Enter the name of the person you want to call and press **OK**.

4 When the appropriate name/number appears on the screen, press ☎ to dial this number.

• Erase stored names and numbers

Note: You cannot undo Erase functions, so be careful!

1 Using one of the methods described in "Recall and redial numbers" on page 27, recall the stored name and its associated number.

If you chose **Name only** as your scrolling view, continue to step 2.
If you chose **Name+number** as your scrolling view, proceed to step 3.

2 Press **Details**.

3 Press **Options**.

4 Scroll to **Erase**, then press **Select**.

The **Erase?** message appears.

5 Press **OK** to erase this name and associated number.

• Erase the entire phone book

You can erase the contents of your phone book. Note that this action cannot be reversed! Once you have performed this procedure, all the stored information in your phone book is erased.

To erase all the contents of your phone book:

1 Press **Names**.

2 Scroll to **Erase all** and press **Select**.

The message **Are you sure?** appears.

3 If you truly want to erase the entire contents of your phone book, press **OK**.

The **Security code field** appears.

4 Enter your security code and press **OK**.

• Check memory status

You can check to see how many free and in-use memory locations are in your directory.

1 Press **Names** and scroll to **Options**.

2 Press **Select**.

3 Scroll to **Memory status** and press **Select** again.

A message appears that says **Phone: xx free, xx in use**, where xx indicates the number of memory locations (phone entries) available and in use.

9. Use voice mail

Voice mail is a network services feature. Colleagues who miss you when they call can leave a voice message, which you can retrieve later.

• When you have a message

- Your phone beeps when you receive a voice message. Also, the message **New voice message** appears on your phone's screen, along with the icon.
- If you have received more than one voice mail message, depending on your wireless network your phone may display the number of messages that you have received.

Note: To use voice mail, you need to learn the voice mail system's various greetings, passwords, and prompts. Your service provider can provide instructions.

• Set up your voice mailbox

As part of your network's voice mail feature, your service provider gives you a voice mailbox phone number. Save this number in your phone to make getting your voice messages quick and convenient.

1. Press **Menu 1 > 2 > 2 (Messages > Voice messages > Voice mailbox number)**.
2. Enter your voice mailbox phone number.
3. Press **OK**.
   - Press **Yes** if you want to save a hidden voice mailbox password in your phone.
   - Press **No** if you don't.
4. If you selected **Yes**, enter your security code.
5. Press **OK**.

6 Enter your voice mailbox password and press **OK**.

Your voice mailbox number can be up to 32 digits long and is used until it's changed. Therefore, if your phone number changes, you may need to change your voice mailbox number along with it.

• Set greetings and passwords

These may vary in different wireless systems. If you need information about how to record your greeting or how to store your password, contact your service provider.

Note: If you store your voice mailbox password in your phone, the phone immediately sends the password after you dial your voice mailbox number.

• Listen to your voice messages

Note: The way you listen to your voice messages may vary depending upon your service provider. Call your service provider if you have any questions.

1 When your phone alerts you to new voice messages, press **Listen** and follow the instructions given on the phone.

2 If you'd rather listen to your messages later, press **Exit**.

3 To listen to your voice messages at a later time:

Press and hold the 1 key.

OR

Press **Menu 1 > 2 > 1 (Messages > Voice messages > Listen to voice messages)**.

The message **Calling voice mailbox** appears on the screen. Follow the prompts to access your messages.

10. Work with the call log

The call log keeps track of:

- Missed calls
- Numbers you've dialed
- Numbers from which you've received calls
- The amount of time you've spent on calls

• Check the call log

Press **Menu 2** to access **Call log**, then press **Select**.

The following submenus are available:

Missed calls
Dialed calls
Received calls
Clear call lists
Call timers

To select any of these options, press the **Select** key while the option is displayed on the screen. The **Missed calls**, **Dialed calls**, and **Received calls** menus include the following options (available when you press the **Options** key):

Call time	Shows the date and time when the call was connected—if the clock has been set.
Edit number	Allows you to edit the number shown on the screen.
Save	Allows you to save the displayed number into your phone book.
Erase	Allows you to erase the displayed number from the call log.

View number	Allows you to view a number when an associated name appears on the screen. **Note:** This option works only if you have stored the associated number in the phone book.

Tip: You can dial any numbers that appear on your phone's screen by pressing .

Check missed calls

Your phone stores up to the last 10 numbers associated with calls you have missed. When you miss a call(s), the message **Missed calls** appears on your phone's screen, along with the number of calls missed.

You are notified of missed calls only if your phone was turned on in the original service area of your service provider.

To check missed calls:

1 Press **List**.

The phone shows the numbers of the calls you missed.

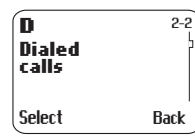
2 Either scroll through the list using the or keys until you reach a number that you want to dial and press , or press **Back** to return to the Start screen.

If you prefer, you can press **Menu 2 > 1 (Call log > Missed calls)**, then scroll through the list of numbers.

Note: If you chose the **Forward if not answered** option in **Call Forwarding**, then your phone treats these forwarded calls as missed calls.

Check previously dialed calls

Your phone stores up to the last 10 numbers associated with calls that you have dialed. To check this list of numbers:



1 Press **Menu 2 > 2 (Call log > Dialed calls)**.

2 Use ⌄ or ⌃ to scroll through the dialed numbers list.

3 When you reach the number you want to dial, press ☎.

You can also access previously dialed numbers by pressing ☎ and then pressing ⌄ or ⌃ to scroll through the list.

Check received calls

Your phone stores up to the last 10 numbers associated with calls that you have answered. To check this list of numbers:

1 Press **Menu 2 > 3 (Call log > Received calls)**.

2 Use ⌄ or ⌃ to scroll through the list of received numbers.

3 When you reach the number you want to dial, press ☎.

Clear call lists

You can erase some or all of the numbers that appear in your phone's call log. You can erase dialed numbers, received call numbers, or missed call numbers.

Warning: You cannot undo this operation.

To erase some or all of the numbers listed in your call logs:

1 Press **Menu 2 > 4 (Call log > Clear call lists)**.

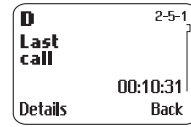
2 Use ⌄ or ⌃ to scroll through the options list, which includes the following options: **All**, **Missed**, **Dialed**, and **Received**.

3 Stop at the appropriate option and press **OK**.

Note: The **All** option clears *every* number in every list, whereas the other options clear *only* the numbers associated with that option. For example, the **Dialed** option clears only the numbers associated with calls you previously dialed.

• Check call timers

Your phone tracks the amount of time you spend on each call. To obtain information about time spent on phone calls:



1 Press **Menu 2 > 5 (Call log > Call timers)**.

2 Use ⌄ or ⌃ to scroll through the options described in the following list:

Last call	Shows the call duration of the last call made.
Dialed calls	Shows the duration of all outgoing calls since you reset the timers.
All calls	Shows the call duration of all calls that have been made and received since you reset the timers.
Life timer	Shows the duration of all calls for the life of your phone. This option cannot be reset.
Clear timers	Clears all call timers for the currently selected phone number. Your phone includes separate timers for each number used, with the exception of the Life timer.

Warning: If you select the **Clear timers** option, the action cannot be undone. If you use the call timers to log or track the amount of time you are using your phone, you might want to record the information in the call timers before you erase them.

Turn on a current call timer

You can set your phone to display the running elapsed time while a call is active. To do so:

1. Press **Menu 2 > 5 (Call log > Call timers)**.
2. Press **Details**.

   Current call timer appears.
3. Press **Select**.
4. Use ⌄ or ⌃ to scroll to **On**.
5. Press **OK**.

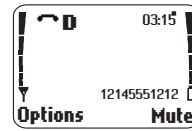
From this point on, each call you make or receive will be timed. After a call has ended, press any key on your phone to clear the screen.

Clear call timers

1. Press **Menu 2 > 5 > 5 (Call log > Call timers > Clear timers)**. The Security code field appears.
2. Enter your security code and press **OK**.

11. Use advanced calling features

• Set in-call options



Your phone allows you to use a number of features during a call. These features are known as *in-call options*.

Note: Many in-call options are network services features. To use these options, you must contact your service provider.

You cannot use all these options at all times. This section tells you when you can use a certain option.

1 To access an option during a call, press **Options**.

2 Choose from some or all of the following options:

Lock keys	This option appears first only if your phone is connected to a headset. Otherwise, the **Mute** option (see next) appears first. Allows you to lock your phone's keypad.
Mute	Mutes the phone's microphone. If, somehow, your phone's microphone has already been muted, **End mute** appears instead of **Mute**. Press **OK** to choose either of these options. **Note:** These options can affect the microphones of any accessories connected to the phone.
Touch tones	Allows you to manually enter a touch tone string or search for a string in your phone.
New call	Allows you to make a call while you have a call in progress. See "Make a conference call" on page 39 for more information.
Menu	Allows you to access the **Menu**.
Names	Allows you to access the phone book.

• Use call waiting

If you have call waiting, your phone beeps during a call to let you know that someone else is calling you.

Depending on your caller ID setup, the phone might also display the number of the incoming call.

Note: Call waiting may not be available in all wireless systems. Contact your service provider for details and availability.

Before you can use call waiting, you must first store its feature code. Then you must activate the call waiting feature.

Store the call waiting feature code

1 Press **Menu 4 > 5 > 5 (Settings > Network services > Network feature setting)**.

The **Feature code** box appears.

2 Enter the feature code your service provider gave to you and press **OK**.

3 Scroll to **Call waiting** and press **Select**.

4 Make sure that **Activate** is highlighted and press **OK**.

Activate call waiting

1 Press **Menu 4 > 5 > 3 (Settings > Network services > Call waiting)**.

2 Use ⌄ or ⌃ to scroll to **Activate** and press **OK**.

Your phone calls the network to confirm the feature code you entered. After the network confirms the feature code, call waiting is activated.

Manage calls

Call waiting works with both local and long distance calls.

- To answer an incoming call, press ↩.
- To switch from one call to another, press ↩.
- To end both calls, press ↩.

Make a conference call

While in a call, you can call another number and "conference in" (add) a third party to the call.

The conference call feature varies based on wireless systems. Contact your service provider for details.

1 While in a call, you can either dial the number you want to conference in and press .

OR

You can press **Options**, scroll to **New call**, press **OK**, enter the phone number, and press **OK** again.

If you don't remember the number of the party you want to include in the conference, and you know that this number is in your phone book, you can recall the number.

2 When the third party answers, press to connect all three parties.

Note: To place one of the parties on hold, press again. If you press a third time, the party you placed on hold rejoins the call, and the second party is placed on hold. Once you place one of the parties on hold, you are unable to rejoin all three parties.

3 To drop all parties, press .

Recall a number from the phone book during a conference call

If you don't remember a number that you need to call while in another call, and you know that this number is in your phone book, you can recall the number without having to quit your current call.

1 During the call, press **Options**.

2 Scroll to **Names** and press **OK**.

3 Press **Select** at **Search**.

4 Enter name and press **OK**, or scroll through the phone book.

5 Press .

• Use call forwarding

With call forwarding, you can forward incoming calls to another number. This way, if you are unable to receive calls on your phone, all calls going to that phone can be forwarded to another phone. You never have to miss an important call.

Note: The call forwarding feature might not be available in all wireless systems. Contact your service provider for details and availability.

Before you can use call forwarding, you must first store its feature code. Then you must activate the call forwarding feature.

You can use the call forwarding feature code manually as opposed to storing it. Each time you need to forward phone calls, you must enter the feature code before the phone number (for example, *72 555 1212).

Store the call forwarding feature code

1 Press **Menu 4 > 5 > 5 (Settings > Network services > Network feature setting)**.

The Feature code field appears.

2 Enter the feature code your service provider gave you and press **OK**.

3 Use ⌄ or ⌃ to scroll to **Call forwarding** and press **Select**.

Activate call forwarding

1 Press **Menu 4 > 5 > 2 (Settings > Network services > Call forwarding)**.

2 Scroll to the desired call forwarding option, as described in the following table, and press **Select**.

Forward all calls	Forwards all incoming calls.
Forward if busy	Forwards calls only when you're on your phone and do not have voice mail.

Forward if not answered	Forwards calls if you don't answer. This option is handy if you want to give your phone to someone for a short period of time, but you don't want them to answer the phone. For example, you could use this option if you give your child the phone to take out, in case of an emergency, but you still want to receive any incoming calls made to this phone.
Forward if out of reach	Forwards calls if you are out of the serving wireless network, or if your phone is turned off.
Cancel call forwarding	Cancels all forwarding options that are currently active.

3 Highlight **Activate** and press **OK**.

4 At the **Number** field, either enter the number to which you want your calls forwarded or press **Search** to find this number in the phone book (if the number is indeed in your phone book).

5 Press **OK**.

Your phone calls the network to confirm the feature code that you entered in **Menu 4 > 5 > 5**. After the network confirms the feature code, call forwarding is activated.

• Redial automatically

Automatic redial enables your phone to continue trying to call a number that was busy due to wireless network problems.

When you call a number and get a busy signal because of network problems, your phone redials this number up to 3 times. If you want to stop this process prior to the last attempt, press . This stops the automatic redialing.

Before you can use the Automatic Redial feature, you must activate it.

1 Press **Menu 4 > 1 > 2 (Settings > Call settings > Automatic redial)**.

2 Use ⌄ or ⌃ to scroll to **On**.

3 Press **OK**.

• Use a calling card

You can use a calling card when you dial long distance calls. First you must store your calling card information in the phone. Your phone can store information about a maximum of four calling cards.

Save calling card information (step 1)

1 Press **Menu 4 > 1 > 3 (Settings > Call settings > Calling card)**.

2 Scroll to the **A**, **B**, **C**, or **D** calling card and press **Options**.

3 Scroll to **Edit** and press **OK**.

The **Security code** field appears.

4 Enter your security code and press **OK**.

The **Dialing sequence** screen appears.

5 Press **Select**.

6 Use ⌄ or ⌃ to scroll through the list of dialing sequences, as described in the following table.

Dialing sequence	Use for cards that require you to	Associated cards
Access no. + phone no. + card no.	Dial 1-800 access number, then phone number, then card number (+ PIN if required).	MCI, Sprint Canada, Unitel
Access no. + card no. + phone no.	Dial 1-800 access number, then card number (+ PIN if required), then phone number.	networkMCI, WorldPhone MCI, AT&T

Dialing sequence	Use for cards that require you to	Associated cards
Prefix **+ phone no.** **+ card no.**	Dial the prefix (any numbers that must precede the phone number) and phone number you want to dial, then card number (+ PIN, if required).	Verizon, PacBell, AT&T, Stentor

Calling cards shown here are frequently used with the dialing sequences listed in the first column. However, this information might vary and it is subject to change at the phone companies' discretion.

7 Press **Select**.

Save calling card information (step 2)

The order of the following steps may vary, depending on which dialing sequence your card uses.

1 Enter the number and, when prompted for the calling card's access number, enter the number and press **OK**.

This number is usually the 1-800 number that is listed on the back of the calling card.

You can also retrieve the access number from your phone book if you've stored it. Simply press **Search**, then use ⌄ or ⌃ to find the number.

2 When prompted to enter a calling card number (usually shown on the front of the calling card) and PIN number, enter the numbers, and press **OK**.

3 Press **OK** again when the **Save changes?** message appears.

4 Use ⌄ or ⌃ to scroll to **Card name**, press **Select**, and enter the card name using your phone's keypad.

5 Press **OK**.

Choose a calling card to use

If you have more than one calling card, you'll need to choose one before making a call.

1 Press **Menu 4 > 1 > 3 (Settings > Call settings > Calling card)**.

2 Scroll to the desired card and press **Options**.

3 Press ▽ or △ to highlight **Select** and press **OK**.

The **Security code** field appears.

4 Enter your security code and press **OK**.

The message **Card ready for use** appears.

Make a calling card call

To make a calling card call:

1 Enter the phone number, including any prefix (such as 0 or 1) your calling card might require when you make a calling card call. See your calling card for instructions.

2 Press and hold ☎ until your phone displays the message **Card call**, and then shows **Wait for tone, press OK again**.

3 After the second tone, press **OK** again.

Your phone displays **Card call**.

Note: This procedure might not apply to all the calling card options that are programmed into your phone. Check the back of your calling card for more information, or contact your long distance company.

• Send your own number in caller ID

You can determine, for each call you make, whether your telephone number appears on another phone's caller ID.

In most service areas, when you call others, your name is presented to their caller ID (if they subscribe). With Send Own Number, you can block (or not) the display of your number to others' caller ID when you call them.

Note: Send Own Number might not be available in all wireless systems. Contact your service provider for details and availability. Also note that this feature is effective only when you call a number that is equipped with caller ID.

Before you can use Send Own Number, you must first store its feature code. Otherwise, this feature might not appear on your phone's menu.

Store the Send Own Number feature code

1 Press **Menu 4 > 5 > 5 (Settings > Network services > Network feature setting)**.

The **Feature code** box opens.

2 Enter the feature code your service provider gave you and press **OK**.

3 Use ⌄ or ⌃ to scroll to **Send own number** and press **Select**.

Your phone calls the network to confirm the feature code that you entered in **Menu 4 > 5 > 5**. After the network confirms the feature code, Send Own Number is activated.

Set whether or not your number will appear

1 Press **Menu 4 > 5 > 4 (Settings > Network services > Send own number)**.

2 Scroll to **Yes** (to show your number) or **No** (not to show it).

3 Press **OK**.

4 Enter the number you wish to call (or press **Search** to retrieve the number from the phone book), and press **OK**.

• Select a phone number

Your service provider programs your phone number and system information into your phone's memory when your phone is first activated. Your phone can hold up to three numbers. This means that your phone can be activated

in three different service areas. For example, your phone could be activated in Dallas, Chicago, and New York. Each service area would assign a different phone number or account to your phone.

You must select a phone number for your home system. Only one phone number can be active at a time. If you travel outside your home system, you can choose another number.

Note: One phone number is enough if your service provider has service or roaming agreements for each area in which you wish to use your phone. Contact your service provider for details.

Select the phone number

1 Press **Menu 4 > 5 > 6 (Settings > Network services > Own number selection)**.

2 Scroll to the phone number you want to use and press **OK**.

Note: The first phone number on this list is the currently selected number. You need at least one active number to make calls. You cannot change from one phone number to another during a call.

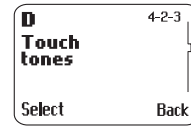
Select digital or analog

Your phone can work in both digital and analog modes. The default mode is digital and analog, which appears on your phone as **Digit. & analog** when you press **Menu 4 > 5 > 8 (Settings > Network services > Digital/ analog selection)**.

Note: This feature is available only for certain phones. Contact your service provider for more information.

This means that your phone uses both digital and analog voice channels. The phone always tries to find a digital voice channel first, but if a digital voice channel is not available, the phone looks for an analog voice channel.

• Set touch tones



Touch tones are sounds that are produced when you press the keys on your phone's keypad. Sometimes, touch tones are called *DTMF tones*, but this guide calls them touch tones.

You can use touch tones for many automated over-the-phone services such as checking bank balances and airline schedules and using your voice mailbox. Touch tones can be sent only when a call is active.

Set manual touch tones

1 Press **Menu 4 > 2 > 3 > 1 (Settings > Phone settings > Touch tones > Manual touch tones)**.

2 Select one of the following options, then press **OK**:

Continuous	The tone sounds for as long as you press and hold a key.
Fixed	Sets the tone length to 0.1 second, regardless of how long you press a key.
Off	Turns off the tones. No tones are sent when you press a key.

Set touch tone length

You can also set the length of each touch tone. To do this:

1 Press **Menu 4 > 2 > 3 > 2 (Settings > Phone settings > Touch tones > Touch tone length)**.

2 Use ▽ or △ to scroll to **Short** or **Long. Short** sets the tone length to .1 second. **Long** sets the tone length to .5 second.

3 Press **OK**.

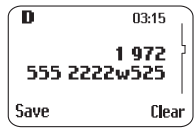
Store touch tone sequences (strings)

You store touch tone strings the same way that you store names and numbers in your phone book. You can store an entire digit sequence and send it as touch tones for frequently used strings of numbers.

Store touch tone strings with phone numbers

1 Enter the phone number that you want associated with a touch tone.

2 Press **w** or **p** where needed.



w (wait): When you dial this phone number, your phone first dials the number, then waits (because of the *w* character) for you to press **Send**. When you press **Send**, the phone sends your touch tone.

p (pause): If you include a *p* character instead of a *w*, your phone pauses for 2.5 seconds, then automatically sends your touch tone.

3 Enter the touch tone string.

4 Store the number as you normally would.

Send a touch tone string

1 Press **Menu 4 > 2 > 3 > 1 (Settings > Phone settings > Touch tones > Manual touch tones)**.

2 Make sure that the setting is not set to **Off**.

If it is, use ⌄ or ⌃ to scroll to one of the other options and press **OK**.

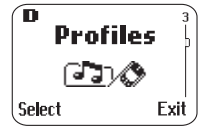
3 Then, during your call, press **Options**, scroll to **Touch tones** and press **OK**.

4 Enter the touch tone string or recall the string from the phone book, and press **OK**.

Warning: If you send touch tones while in the analog mode, be careful not to send confidential information.

12. Customize your phone

• What is a profile?



A profile is a "set of settings" you can use to customize the way your phone works. You can set your own preferences for these items:

- Ringing options
- Ringing volume
- Ringing tone
- Vibrating alert
- Keypad tones
- Warning & game tones
- Message alert tone

Your phone comes with seven profiles:

- Normal (default setting)
- Silent
- Meeting
- Outdoor
- Pager
- Car (available only with car kit)
- Headset (available only with headset)

You can customize any of the profiles. If at any time you want to return to the original settings, you can do so.

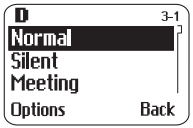
• Select a different profile

1. Quickly press the Power key.
2. Use ⌄ and ⌃ to move to the profile you want to use.

   Profile names are highlighted (selected) as you scroll through them.
3. Press **OK** to select a highlighted profile.

Note: To select a different profile, your phone *cannot* be connected to a car kit or a headset, and your phone *must* be at the Start screen.

• Customize a profile



1 Press **Menu 3 (Profiles)**.

2 Scroll to the desired profile in the list.

Note: The **Car** and **Headset** profiles do not appear unless your phone has been connected to these accessories. If you connect your phone to a car kit or to a headset, these profiles remain in the menu, unless you choose to restore your phone's factory settings.

3 Press **Options** to view the options for the selected profile.

4 Select one of the following options, then press **OK**.

Select	Activates the currently highlighted profile.
Customize	Enables you to customize a profile by changing the current settings. • Press **OK** to choose from several lists.
Rename	Enables you to rename the profile. This option does not appear in the **Normal**, **Headset**, or **Car kit** profiles.

Note: When you change a setting in the current profile, it affects only that profile. Your phone's normal settings do not change.

Set ringing options

You can choose the tone that your phone uses to notify you of an incoming call. This setting does not affect any incoming text message alert tones.

1 Press **Menu 3 (Profiles)**.

Your phone lists each profile.

2 Use ⌄ or ⌃ to scroll to the desired profile in the list for which you want to set the ringing options, and press **Options**.

3 Highlight **Customize** and press **OK**.

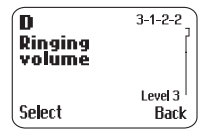
4 Scroll to **Ringing options** and press **Select**.

5 Scroll to one of the ringing options, as described below, and press **OK**.

Ring	The phone rings until it is answered.
Ascending	Ringing volume increases (gets louder) if the phone is not answered.
Ring once	The phone rings once to indicate an incoming call.
Beep once	The phone beeps once to indicate an incoming call.
Caller groups	Sets the ring to a silent ring, unless a call comes from a number within a caller group. Use ⌄ or ⌃ to scroll to the desired caller group(s), then press **Mark** to select or **Unmark** to deselect them.
Silent	The phone makes no sound.

Set the ringing volume

You can set the default ringing volume for incoming voice calls and message alert tones.



1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to the profile for which you want to set the ringing volume, and press **Options**.

3 Highlight **Customize** and press **OK**.

4 Scroll to **Ringing volume** and press **Select**.

5 Scroll through the options. When you hear the volume level you wish to use, press **OK**.

Note: As you scroll through the ringing options, you can listen to a sample of each. Although the ringing sample for level 4 and level 5 are the same, ringing level 5 will produce very loud ringing.

The ringing volume setting is stored individually for the handsfree car kit and the headset.

Set the ringing tone

You can set your phone's ringing tone to a specific sound—or tune—for incoming voice calls.

Note: If you have already chosen a ringing option of either **Silent** or **Beep once** ("Set ringing options" on page 50), the ringing tones are already turned off.

1 Press **Menu 3 (Profiles)**.

Your phone lists each profile.

2 Use ⌄ or ⌄ to scroll to the profile for which you want to set the ringing tones.

3 Press **Options**.

4 Highlight **Customize** and press **OK**.

5 Scroll to **Ringing tone** and press **Select**.

6 Scroll through the options, and, when you hear the tone you want to use, press **OK**.

Set a vibrating alert

You can set your phone to vibrate to indicate an incoming call.

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌄ to scroll to the profile for which you want to set the vibrating alert, and press **Options**.

3 Highlight **Customize** and press **OK**.

4 Scroll to **Vibrating alert** and press **Select** again.

5 Use ⌄ or ⌃ to scroll to **On** and press **OK**.

The phone does not vibrate when it is connected to or placed in any charging device.

Set keypad tones

Keypad tones are the sounds you hear when you press your phone's keys. You can set the volume for those tones.

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to the profile for which you want to set the keypad tones, and press **Options**.

3 Highlight **Customize** and press **OK**.

4 Scroll to **Keypad tones** and press **Select**.

5 Use ⌄ or ⌃ to scroll to one of the levels and press **OK**. (If you choose **Off**, no keypad tones are heard.)

If you chose the **Silent** profile in step 2, the keypad tones are turned off.

Set warning and game tones

You can set warning tones and the tones used for the games in your phone.

Warning tones include the sounds your phone makes during error conditions, during confirmations, when a battery is low, and when you need to recharge the battery.

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to the profile for which you want to set the warning tones, and press **Options**.

3 Highlight **Customize** and press **OK**.

4 Scroll to **Warning and game tones**, then press **Select**.

5 Scroll to **On** and press **OK**.

If you do not want to use warning or game tones, you can turn them off by scrolling to **Off** and pressing **OK**.

Set the message alert tone

You can set your phone to use a certain tone to indicate an incoming text message.

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to the profile for which you want to set the message alert tone, and press **Options**.

3 Highlight **Customize** and press **OK**.

4 Scroll to **Message alert tone**, then press **Select**.

5 Use ⌄ or ⌃ to scroll through your choices.

The phone plays samples of each choice as you scroll to it.

6 When you find the tone you want, press **OK**.

Set your phone to answer automatically

You can set your phone to answer incoming voice calls after one ring. This feature can be used only when your phone is connected to a headset or to an approved handsfree car kit that is equipped with the ignition sense option, with the ignition on.

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to either the **Car** or **Headset** profile and press **Options**.

Note: **Car** and **Headset** do not appear unless your phone has already been connected to a car kit or headset at least one time.

3 Highlight **Customize** and press **OK**.

4 Scroll to **Automatic answer** and press **Select**.

5 Scroll to **On** and press **OK**.

Set the lights (car kit only)

While your phone is connected to a car kit, you can either set its lights to be on only when you use it, or you can have the lights on continuously.

This feature works *only* when your phone is connected to a car kit.

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to **Car** and press **Options**.

Note: **Car** does not appear in the list unless the phone is connected to a car kit.

3 Highlight **Customize** and press **OK**.

4 Use ⌄ or ⌃ to scroll to **Lights** and press **Select**.

5 Scroll through your choices, which are listed and described in the table below, and press **OK**.

Automatic	Turns off the lights within 15 seconds if no keys are pressed.
On	Lights remain on the entire time your phone is connected to the car kit.

• Rename profiles

1 Press **Menu 3 (Profiles)**.

2 Use ⌄ or ⌃ to scroll to the desired profile and press **Options**.

3 Scroll to **Rename** and press **OK**.

4 Enter the new name and press **OK** again.

Note: You cannot rename the **Normal**, **Headset**, and **Car kit** profiles.

• Restore factory settings

If you have made changes to your phone's profiles (settings), you can restore them to their original, or factory settings. You must enter a security code to reset your phone's factory settings.

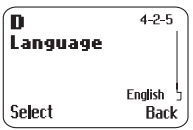
Note: The memory, timers, language selection, security code, and lock codes are not reset. However, any profiles you have modified are reset.

1 Press **Menu 4 > 2 > 4 (Settings > Phone settings > Restore factory settings)**.

2 Enter your security code and press **OK**.

• Set the display language

You can set your phone to display a certain language.



1 Press **Menu 4 > 2 > 5 (Settings > Phone Settings > Language)**.

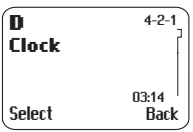
2 Use ⌄ or ⌃ to scroll to the language you want to use and press **OK**.

You can choose from **English**, **French**, **Spanish**, **Portuguese**, **Russian**, **Hebrew**, and **traditional Chinese**.

• Set and display the clock

Your phone has an internal clock that you can set to display on the Start screen.

The clock is connected to an alarm clock. Refer to "Alarm clock" on page 99 for more information.



Set the clock

To set the clock to the appropriate time:

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

2 Use ⌄ or ⌃ to scroll to **Adjust time** and press **Select**.

The **Time** field appears.

3 Enter the time using an xx:xx format and press **OK**.

For example, to set your clock to 9:30, enter **09:30**. If you set the time format for 24-hour time, enter the number the same way: **09:30** or **23:12**.

- If you set time format to **am/pm**, use ⌄ or ⌃ to scroll to **am** or **pm** and press **OK**.
- If you set the time format to 24-hour, the time is set as soon as you press **OK** after adjusting the time.

Display or hide the clock

Once you have set the clock, it displays on the Start screen.

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

2 To hide the clock, with **Hide clock** highlighted, press **Select**.

Only one of these options appears at a time.

3 To display the clock once it has been hidden, press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**. With **Display clock** highlighted, press **Select**.

Select the time format

You can change the way your clock shows the time, whether in am/pm format or using a 24-hour clock.

1 Press **Menu 4 > 2 > 1 (Settings > Phone settings > Clock)**.

2 Use ⌄ or ⌃ to scroll to **Time format** and press **Select**.

3 Use ⌄ or ⌃ to scroll to either **am/pm** or **24-hour** and press **OK**.

• Set automatic update of date and time

You can set your phone to automatically update the date and time from the network. If the clock in your phone is 2 minutes or more off the network time, the phone will automatically update the time to reflect the network.

Note: Auto update of date and time may not be available in all wireless systems. Contact your service provider for details and availability.

You need to display the clock on the phone's screen before you turn on the automatic date and time update. See "Display or hide the clock" on page 57.

Turn on automatic update of date and time

When you activate the automatic date and time update, the phone updates both from the network when you turn the phone on.

Press **Menu 4 > 4 > 1 (Settings > Phone settings > Auto update of date and time)**.

Automatic update of date and time: confirm first

You can set your phone to ask for a confirmation before it automatically updates the date and time. You can accept or decline the update.

Press **Menu 4 > 4 > 2 (Settings > Phone settings > Auto update of date and time)**.

Turn off automatic update of date and time

When you turn off the date and time update, the phone uses the date and time that you have manually entered instead of getting the information from the network.

Press **Menu 4 > 4 > 3 (Settings > Phone settings > Auto update of date and time)**.

To set the time manually, see "Set the clock" on page 56.

• Add a welcome note

You can set your phone to display a welcome note each time you switch on your phone. This note could say, for example: *Hello*. It could include your name, a reminder, or more. The maximum length of this note is 36 characters.

1 Press **Menu 1 > 3 (Messages > Welcome note)**.

2 Enter the text of the welcome note.

As you enter characters, they appear to the left of the cursor. Press **Clear** to delete characters to the left of the cursor. Press ⌄ or ⌃ to move the cursor right or left.

3 Press **Options**.

4 Use ⌄ or ⌃ to scroll to **Save** and press **OK**.

If you ever want to delete (erase) the welcome note, press **Menu 1 > 3 (Options > Erase > OK)**.

• Use 1-touch dialing

You must store names and numbers in your phone book before you can use 1-touch dialing.

You can assign a name from the phone book to a 1-touch dial location, using your phone's keys 2 through 8. When you press the key, the associated number is automatically dialed.

- **Keys 1 and 9**: The 1 key is used exclusively to dial your voice mailbox. The 9 key is used exclusively to make calls to the emergency number that is programmed into your phone.
- **Key 2**: You can use the 2 key to dial a customer care operator (refer to "When you need to contact your service provider" on page 4). You can overwrite this feature and assign a 1-touch dial location to the 2 key.

Assign a name or number to a 1-touch dial key

1 Press **Names** and scroll to **1-touch dialing**.

2 Press **Select**.

3 Use ⌄ or ⌃ to scroll to the first number that includes the message **(empty)** and press **Assign**.

4 Use ⌄ or ⌃ to scroll to the name and number to which you want to assign this key and press **Select**.

Repeat these steps as many times as necessary.

5 To call a number using 1-touch dialing, press and hold the appropriate key for a few seconds.

The phone dials the number.

Change 1-touch dialing numbers

After you have assigned 1-touch dialing numbers to a key, you can change key and number associations at any time.

1 Press **Names**.

2 Use ⌄ or ⌃ to scroll to **1-touch dialing** and press **Select**.

3 Use ⌄ or ⌃ to scroll to the key you want to change and press **Options**.

4 Use ⌄ or ⌃ to scroll to **Change** and press **Select**.

5 Use ⌄ or ⌃ to scroll to through phone book.

6 When you reach the new number, press **Select**.

Erase 1-touch dialing numbers

You can erase 1-touch dialing key assignments at any time.

1 Press **Names**.

2 Use ⌄ or ⌃ to scroll to **1-touch dialing** and press **Select**.

3 Use ⌄ or ⌃ to scroll to the key you want to erase and press **Options**.

4 Use ⌄ or ⌃ to scroll to **Erase** and press **Select**.

5 Press **OK**.

• Use emergency key 9

When the emergency key feature is turned on, the phone attempts to make an emergency call when you press 9 and ☎. The phone dials the emergency number preprogrammed into your phone.

Note: If you have activated the emergency key 9 feature, you can also dial an emergency call by pressing and holding 9 until the phone indicates it is attempting to make an emergency call. This method *does not* work, however, when Keyguard is active.

Activate the emergency key 9

Before you can use the emergency key feature, you must first activate it.

1 Press **Menu 4 > 1 > 1 (Settings > Call settings > Emergency key 9)**.

2 Use ⌄ or ⌃ to scroll to **On** and press **OK**.

3 If you ever want to deactivate this feature, press **Menu 4 > 1 > 1** and scroll to **Off**.

Warning: Official emergency numbers vary by location. Only one emergency number is programmed into your phone, and this is the number that is dialed when you press key 9. However, this might not be the proper number in all circumstances.

Make an emergency call

- Press 9 and ☎. For more details, see "Emergency calls" on page 111.

• Use caller groups

You can create groups of names in your phone book and give each group a different ringing tone. This allows you to recognize who is calling you by the way your phone rings.

To use the caller group feature, you must also have access to caller ID. Caller ID is a network services feature (see your service provider).

Add names to a caller group

Before you can create a caller group, you must include the names that will make up a caller group in your phone book.

1 At the Start screen, press ⌄ until you see the name or number you want to assign to a caller group.

2 Press **Details**, if shown; if not, press **Options**.

3 Use ⌄ or ⌃ to scroll to **Caller groups** and press **Select**.

4 Use ⌄ or ⌃ to scroll to the caller group to which you want to add this name and press **Select**.

Assign a ringing tone to a caller group

After you have created a caller group, you can assign a specific ringing tone to this group. When someone from that group calls you, you'll be able to identify a friend, a family member, or other caller from the ringing tone.

1 At the Start screen, press **Names**.

2 Use ⌄ or ⌃ to scroll to **Caller groups** and press **Select**.

3 Use ⌄ or ⌃ to scroll to the group you want and press **Select**.

4 Use ⌄ or ⌃ to scroll to **Group ringing tone**, and press **Select**.

5 Use ⌄ or ⌃ to scroll to the tone that you want to assign and press **OK**.

Tip: You can set your phone to ring *only* when people from certain caller groups call you. Otherwise, the phone is silent.

Rename a caller group

1 At the Start screen, press **Names**.

2 Use ⌄ or ⌃ to scroll to **Caller groups** and press **Select**.

3 Use ⌄ or ⌃ to scroll to the group you want and press **Select**.

4 Use ⌄ or ⌃ to scroll to **Rename group** and press **Select**.

5 Enter the group name and press **OK**.

Remove names from a caller group

1 In the phone book, scroll to select the name you want to remove, and press **Options**.

2 Use ⌄ or ⌃ to scroll to **Caller groups** and press **Select**.

3 Use ⌄ or ⌃ to scroll to **No group** and press **Select**.

The name is removed from the group.

Display caller group graphics

When someone calls you from a particular caller group, your phone can display a picture to identify that person's caller group.

1 Press **Names**.

2 Use ⌄ or ⌃ to scroll to **Caller groups** and press **Select**.

3 Use ⌄ or ⌃ to scroll to the caller group for which you want to display a graphic and press **Select**.

4 Use ⌄ or ⌃ to scroll to **Group graphic** and press **Select**.

5 Use ⌄ or ⌃ to scroll to **On**.

The graphic associated with that caller group is now set to appear.

Receive a downloaded graphic

If you have this service, your phone may receive a downloaded caller-group graphic. The screen shows the message **Group graphic received**.

View the new graphic

Note: If you press **Exit** at any time before saving the graphic, the new graphic will be deleted!

1 When your phone shows **Group graphic received**, press **Options**.

2 **Show** is selected.

3 Press **OK**.

The phone previews the new group graphic.

Save a received graphic

1 After previewing the group graphic, press **Back**.

2 Scroll to **Save**, then press **OK**.

3 Choose the caller group graphic you want to replace (Family, Friends, VIP, and so on).

4 Press **OK**.

The phone saves the group graphic with the caller group you selected.

Discard a received graphic

You can discard a group graphic if you don't want to save it.

- Press **Exit**.

  OR

  Scroll to **Discard**, then press **OK**.

13. Security

Your phone is equipped with a versatile security system that prevents the unauthorized use of the phone.

You must successfully enter your security code to activate and use certain phone features.

- The default security code is 12345.
- Nokia highly recommends that you immediately change this code. Then, write down and store the new code in a safe place, away from your phone.

When entering your security code, a * appears on the screen each time you press a number key. This prevents others from seeing your code.

If you incorrectly enter a security code five times in a row, your phone won't accept any entries for the next 5 minutes. However, if you realize that you've entered the code incorrectly before pressing **OK**, you can use **Clear** to erase the code, digit by digit, beginning with the last digit.

When this guide describes an action that requires the entry of your security code, each step necessary to this action is provided.

• Change your security code

1 Press **Menu 4 > 3 > 2 > 4 (Settings > Security settings > Access codes > Change security code)**.

The Security code field appears.

2 Enter the default security code and press **OK**.

3 At the message **Enter new security code**, enter your new security code and press **OK**.

4 At the message **Verify new security code**, enter your new security code again and press **OK**.

The message **Security code changed** appears.

If you have changed your security code and don't remember the new code, contact your service provider. Once you have changed your security code, the default setting is no longer valid.

• Protect your phone with the lock code

You can prevent unauthorized use of your phone by locking it. When your phone is locked, it is not possible to navigate the menu or the phone book. Calls can be received, but can only be made to the unlocked phone number.

- The default lock code is 1234.
- Nokia recommends that you change this code immediately.

You can save an unlocked phone number and make calls to that number without entering the lock code. Refer to "Store an unlocked phone number" on page 67 for more information.

Note: If you enter an incorrect lock code five times in a row, your phone prompts you for the security code.

Turn on the phone lock

1 Press **Menu** 4 > 3 > 2 > 1 (**Settings** > **Security settings** > **Access codes** > **Phone lock**).

2 Enter the lock code and press **OK**.

3 Scroll to **On** and press **OK** again.

Complete the phone lock activation by turning your phone off and back on. Once you turn the phone back on, **Phone locked** displays on the Start screen, and you are prompted to enter the lock code when you press **Menu** or **Names**.

With phone lock activated, it may still be possible to make emergency calls, such as 911 or any other official emergency numbers. This means it may be possible to either enter the emergency number and press , or to press and hold 9 if the emergency key 9 has been activated.

Store an unlocked phone number

1 Press **Menu 4 > 3 > 2 > 2 (Settings > Security settings > Access codes > Unlocked phone number)**.

2 Enter the lock code and press **OK**.

The **Number** box opens.

3 Enter a phone number or press **Search** and scroll through the phone book until the number you want to store appears.

4 Press **OK** or **Options**.

5 Scroll to **Save** and press **OK**.

Call the unlocked phone number

- Press ▽ or △ once, then ☎.

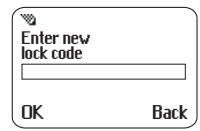
OR

- Manually enter the phone number and press ☎.

Answer a call with phone lock on

- To answer a call while using a lock code, press any key except ☎ and 🔊.

Change your lock code



1 Press **Menu 4 > 3 > 2 > 3 (Settings > Security settings > Access codes > Change lock code)**.

The **Enter lock code** box opens.

2 Enter the lock code and press **OK**.

Only numeric characters are accepted.

3 Enter the new lock code and press **OK**.

4 Verify the new lock code, and press **OK**.

When you change your lock code, make sure you store it in a safe place, away from your phone. Avoid entering access codes similar to emergency numbers to prevent accidental emergency calls.

Turn off phone lock

1 Press **Menu**.

The **Enter lock code** box opens.

2 Enter the lock code and press **OK**.

Phone unlocked displays briefly, and you are returned to the Start screen.

3 Press **Menu 4 > 3 > 2 > 1 (Settings > Security settings > Access codes > Phone lock)**.

The **Enter lock code** box opens again.

4 Enter the lock code and press **OK**.

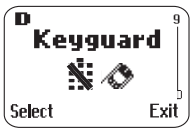
5 Scroll to **Off** and press **OK** again.

Phone lock deactivated appears briefly.

• Lock the keypad

When you lock the keypad, you prevent accidental key presses—for example, when your phone is in a pocket or purse. This feature is called keyguard.

Activate keyguard



There are three different ways to activate the keyguard:

At the Start screen:

- Press and hold .
- Press **Menu** .
- Press **Menu 9 (Keyguard)**.

When Keyguard is turned on, you might be able to make calls to the emergency number that is programmed into your phone. For example, you could dial 911 and press . When keyguard is on, however, you cannot use the emergency key 9.

Note: Keyguard is automatically turned off when the phone is connected to a car kit.

Deactivate keyguard

1 Press **Unlock**.

2 Press *.

OR

- Press and hold # until the message **Unlock keys?** appears.
- Press **OK**.

Answer a call while keyguard is active

During an incoming call, the keypad automatically unlocks.

- Press ☎ to answer the call.

After you end the call, keyguard automatically becomes active again.

- Press the Power key to quickly switch the lights on for 15 seconds.

• Restrict calls

You can restrict incoming and outgoing calls. To restrict outgoing calls, you create a list of restrictions and apply the appropriate restriction.

Before you define restrictions for outgoing calls, only one restriction option is available:

- **Add restriction**, which enables you to create your own list of outgoing call restrictions. The maximum number of call restrictions you can define is ten.

After you have used the **Add restriction** option to add at least one restriction, the following options are then available:

- **Select**: Allows you to select call restrictions from the outgoing calls list.
- **Edit**: Allows you to edit an existing outgoing call restriction.
- **Erase**: Erases any existing outgoing call restrictions.

When calls are restricted, you might be able to make calls to the emergency number that is programmed into your phone. For example, you could dial 911 and press . However, emergency key 9 might not work, depending on the type of restriction you choose.

Restrict outgoing calls

1 Press **Menu** 4 > 3 > 1 (**Settings** > **Security settings** > **Restrict calls**).

2 Press **Select**.

3 Enter your security code and press **OK**.

4 Scroll to **Add restriction** and press **OK**.

5 Enter the number you want to restrict and press **OK**.

For example: If you want to restrict all calls that begin with 1, enter 1. This will restrict all outgoing long distance phone calls. If you want to restrict all calls that begin with 972, enter 972, and so forth.

After you perform step 5, the **Name** field appears.

- If you want to add a name for the call restriction, enter the name using your phone's keypad and press **OK**.
- If you don't want to add a name, simply press **OK**.

Restrict incoming calls

To restrict incoming calls:

1 Press **Menu** 4 > 3 > 1 (**Settings** > **Security settings** > **Restrict calls**).

2 Use or to scroll to **Restrict incoming calls** and press **Select**.

3 Enter your security code and press **OK**.

4 Scroll to **All calls** and press **Mark**.

Press **Unmark** to remove incoming call restrictions.

5 Press **Back**.

The **Save changes?** message appears.

6 Press **Yes**.

Press **No** if you do not want to save the changes.

14. Set network services features

The following network services can be obtained from your service provider. These services are not available from all providers or in all areas.

- Voice privacy
- Call waiting
- Call forwarding
- Sending own number

When you subscribe to any of these services, your service provider gives you a feature code that activates each service. Deactivation codes are used to deactivate each service.

After you store the appropriate code in your phone, the code is sent to the network to verify that you're using the correct feature code. The voice privacy feature does not require you to store a feature code before using it.

More than one number? If your phone has more than one phone number assigned to it, any stored feature codes apply only to your primary phone number.

After you store a feature code, the respective service appears as a menu option on your phone's screen. You can use these menus to activate and deactivate the network services.

• Set up how your phone selects a system

Your phone is capable of working in residential, private, and public systems (such as your home system). You can choose how your phone selects a network to use. Your phone may not show the options described here. For information, contact your service provider.

Set up the way your phone selects a network

1 Press **Menu** 5.

You see the following three options:

- **Automatic**: Your phone automatically searches for available networks and chooses the appropriate one. Every time you turn on your phone, it resets to **Automatic**.
- **Manual**: The phone searches for networks and then displays a listing of all of the possible networks on your phone's screen. Next to each network, one of the following appears: **Available** or **Not available**. If a network is designated as **Not available**, you cannot use it.
- **New Search**: Your phone begins a new search for both private and residential systems. When it finds the best system available, your phone displays it on its screen. You can then select this system or start another search by pressing **Next**.

2 Use ⌄ or ⌃ to scroll through the choices, and press **OK** when you see the one you want.

If you have two phone numbers, the **Manual** and **New search** features are used only with your primary phone number.

Switch from a private system to a public system

1 Press and hold **Menu** while you are not in a call.

Your phone displays the message **Search public systems?**

2 Press **OK** and your phone uses the public system for the next (and *only* the next) outgoing call.

After you complete this call, your phone returns to the **Automatic** system selection.

Select a public system

When you take your phone outside its home system, the phone is said to be "roaming." The phone can search for home-type systems—systems that are the same type as your home system. Or, the phone can search for non-home-type systems.

Note: The options described here may not be available for your phone. See your service provider for information.

Your service provider programs a list of preferred systems into your phone. These are systems with which your service provider has roaming agreements. Your phone looks for these systems when you're roaming.

1 Press **Menu 4 > 5 > 7** to tell your phone how to choose a public system (network). Your selection remains active until you change it.

- **Any system**: When service is not available in your home system, the phone searches for a preferred system of either type and then searches for a home-type system. Then it searches for a non-home-type system. The search continues until your phone finds a system that can be used.
- **Home type**: When service is not available in your home system, the phone searches for a home-type system first. However, if a non-home-type system is found, then your phone will use this system.
- **Nonhome type**: The phone searches for a non-home-type system only. The home-type system is not used.
- **Home only**: The phone uses only its home system. It will not roam.

2 Scroll to the option you want and press **OK**.

• Roaming

The term *roaming* is used to indicate when your phone is not in its home area. Calls made or received while you are roaming are usually more expensive than calls made in your home area.

While roaming in some systems outside your home area, your phone may not be recognized by the host system, which is the system in which you're travelling. You may not be able to place a call.

Contact your service provider for more specific information on how roaming works with your phone and for information about coverage limitations.

Roaming indicators

When your phone begins roaming:

- The phone beeps once and may display the word **ROAM** on your phone's screen, depending on how roaming works with your phone.

Contact your service provider for more details. If your phone is not roaming, it either displays the word **HOME** or the name of your service provider.

15. Send and receive text messages

With the text message network service, you can send and receive short text messages. You can also send and receive messages that contain a person's name and/or number (a "business card").

To get your messages, other phones must have text message capability. Or, you can ask the service provider to convert the message to other formats, such as e-mail.

The maximum length of a text message is 160 characters. Your phone has space for up to 80 text messages, depending on the length of each message.

Note: The maximum length of a text message differs, depending on the capabilities of the network from which it originated. Also, text messages may appear different at different times because messages can originate in networks other than your own.

Contact your service provider for more information about the availability of text messages.

• About writing messages

You can write a message in one of two ways: using standard (ABC) text input or using predictive text input.

Write with standard text input

Standard text input is the default mode for text entry. When you use standard text input, the ABC icon appears in the upper left corner of your phone's screen.

1 Find the key that is below the letter you want to enter.

2 Press it as many times as needed for the letter to appear on the screen.

For example, to enter the name *John*:

Press 5jkl	J
Press 6mno 6mno 6mno	O
Press 4ghi 4ghi	H
Press 6mno 6mno	N

Write with predictive text input

With predictive text input, you need to press each number key only once for each letter.

For example, to write *Nokia* with the English dictionary selected:

Press 6mno	N
Press 6mno	O
Press 5jkl	K
Press 4ghi	I
Press 2abc	A

Since the word shown on the screen changes after each key stroke, try to disregard the word until you have keyed in all the characters.

Turn on predictive text input

1. Press **Menu**, then **Select**.
2. When **Text messages** appears, press **Select**.
3. Scroll to **Write message** and press **Select**.
4. Enter a character using the keypad.
5. Press **Options**, scroll to **Dictionary** and press **OK**.
6. Scroll to the dictionary you want (for example, **English**).
7. Press **OK**.

T9 dictionary activated appears. ("T9" is the technical name for predictive text input.) This means you can use predictive text input to enter messages.

The T9 icon is also visible in the text message window when the feature is activated.

Keys and tools for predictive text input

Key	Purpose
2abc – 9wxyz	Use for word entry. Press each key only once for each letter.
* +	Press to view the next matching word if the underlined word is not the word you intended. To change the underlined word, press * + repeatedly until the word you want appears. Press and hold to insert a special character or punctuation.
Spell	If the dictionary sees a word it doesn't recognize, you see **Spell** above the left selection key. Press **Spell**, enter the word you want to enter, and press **OK**.
0	Press once to accept a word and add a space.
#	Press once quickly to switch the character case. **ABC** indicates uppercase. **abc** indicates lowercase.
#	Press and hold to enter a number. **123** indicates 123 mode. Press and hold again to write text letters.
Clear	Press once to delete the character to the left of the cursor. Press and hold to delete all text.
1	Press once to add a period.
160	Maximum number of characters available. The character counter appears in the top right corner of the display and counts down for each character added.

Turn off predictive text input

1 Repeat steps 1 through 7 in "Turn on predictive text input" on page 76.

2 Scroll to **Dictionary off** and press **OK**.

Or, press #⇧ to toggle between predictive and standard text input. Press #⇧ until the icon in the upper left corner indicates the desired input type.

Notes about predictive text input

- To insert a symbol, press and hold *+. The symbol screen appears, showing the following characters:

  . , @ ? ! : ; - + # * ( ) ' " _ & $ % / < > =

- Scroll to the symbol you want and press **Insert**.
- When you've finished writing, make sure the underlined word is the word you intended to write.

If the word is correct

- Insert a punctuation mark, if needed.
- Press 0␣ to confirm the change and enter a space.
- Start writing the next word.

If the word is not correct

- Press *+ repeatedly until the desired word appears, then press 0␣ to confirm it.

OR

- Press **Options**, scroll to **Matches**, then press **OK**.

  Scroll to the correct word and press **Use**.

- Start writing the next word.

Add a desired word to the match list

If the ? character appears after a word, the word you intended to write is not in the dictionary. You can add the word to the dictionary.

1 Press *+ repeatedly until **Spell** appears in place of **Options**.

2 Press **Spell** and enter the word(s) using standard text input.

3 Press **OK** to save the word(s).

Insert numbers

1 To add a number to the message, press and hold # until **123** appears. You can also press **Options** and scroll to **Insert number**.

2 Enter the desired numbers, then press and hold # to return to **ABC** mode.

Insert symbols

1 To put a symbol in the message, press and hold * until the symbol screen appears (or press **Options** and scroll to **Insert symbol**).

2 Select the desired symbol (use the scroll keys to move the selection) and press **Insert**.

Write compound words

1 Write the first part of the word and press 0 to accept it.

Then press **Clear** once to remove the space.

2 Write the last part of the compound word and press 0 to enter the word in memory.

• Write and send a text message

1 Press **Menu 1 > 1 > 3 (Messages > Text messages > Write message)**.

The message screen appears.

2 Enter a message of up to 160 characters.

To learn how to enter text quickly, refer to "Write with predictive text input" on page 76.

3 When you've finished writing, press **Options**, scroll to **Send**, then press **OK**.

4 Enter or recall from your phone book the recipient's 10-digit phone number, then press **Send**.

Sending message appears.

When the message is successfully sent, **Message sent** appears.

If you need to exit while writing the message, press ☎ at any time. Later, press **Menu 1 > 1 > 3** to return and finish writing the message. If you turn off the phone without saving the message, the message will be lost.

Save a message in the saved folder

When writing a text message, it's a good idea to save it in the saved folder. Then if there is a message delivery problem, you can easily resend the message.

1 While writing the message, press **Options**.

2 Scroll to **Save**, then press **OK**.

Resend a message from the outbox

Messages in the outbox show one of two icons.

- The ✉ icon shows that you have attempted to send the message to the text message center.
- The 🗋 icon shows that you have not yet tried to send the message.

1 Scroll to the message, then press **Read**.

2 Press **Options**.

3 Scroll to **Forward**, select **As a message**, and press **OK**.

4 With **Send** highlighted, press **OK**.

5 Enter or find the number where you want to send the message, then press **Send**.

• Receive a text message

When you receive a text message, the phone sounds a message alert tone and the text message icon appears, along with one of the following messages:

- **Message received**: Indicates that you have an unread message or page. If you have more than one message or page, the appropriate number is listed before this message.

  When you receive the above message along with another message **Call**, followed by a name and/or number, the message is a page. Only the names of people who are stored in your phone book appear.

- **New emergency message**: Means that an emergency message or page was sent by someone via the service provider. Emergency messages are sent only in situations where life and/or property are in immediate danger. Emergency messages are listed first and override all other messages.

- **Urgent**: Means the message has a high priority.

Read a text message

1 Press **Read**.

  This takes you to the Inbox, with the new message selected.

2 Press **Read** again to read the message.

3 Press **Options** for a list of choices you have while reading the message (see the list following this section).

4 Press **OK** when the option you want is highlighted.

  In your inbox, text messages are shown in the order in which they were received, unless one is an emergency message. An emergency message overrides any order and appears first.

Choose options for a text message

When you press **Options** while reading a message, the following choices are available:

Read next	Takes you to the next message.
Erase	Erases the current message.
Save	Saves this message to the Saved folder.
Call back	Calls the person who sent you the text message, if their phone number is included in the message. You can also press ☎ while the message is displayed to dial the number. If more than one number is on the screen, the numbers appear in a list. Scroll to the phone number you want to call and press ☎.
Forward	Forwards the message to another person. That person must have the appropriate message service.
Reply	Provides a screen where you can write a reply.

• When your phone's memory is full

When your phone's message memory is full, one or more messages of the lowest priority are automatically deleted. These messages are usually deleted from your phone's outbox. An incoming emergency message could force a deletion from your phone's Saved folder.

If after deleting messages the memory is still full, your phone shows the message **No space: message waiting**.

- Clear the notification by pressing **OK**.

• Erase a message

1 While reading a message, press **Options**.

2 Scroll to **Erase**, then press **OK**.

Your phone asks you to confirm that you want to erase the message.

3 Press **OK**.

• Reply to a message

1 While reading a message, press **Options**.

2 Scroll to **Reply**, then press **OK** and choose whether your message will be sent as a text message or as e-mail.

3 Enter your message, then press **Options**.

4 Scroll to **Send**, then press **OK**.

The phone displays the return number.

5 Edit the number if needed, then press **Send**.

• Forward a message

1 While reading a message, press **Options**.

2 Scroll to **Forward**, then press **OK** and choose whether your message will be sent as a text message or as e-mail.

3 Press **Options**, or edit the message and press **Options**.

4 Scroll to **Send**, then press **OK**.

5 Enter or find the recipient's phone number, then press **Send**.

16. Send and receive e-mail messages

You can use your phone to send and receive e-mail messages. This means you no longer need to be at your computer to send or receive messages.

Note: E-mail messages may not be available in all wireless systems. Contact your serivce provider for details and availability.

• Save e-mail addresses

You can add an e-mail address to a name you've already saved in the phone book. Or, you can add a name and address as a new entry.

Save an e-mail address for an existing name

1. At the Start screen, press **Names** and then, at **Search**, press **Select**.

   The **Name** box opens.
2. Enter the first two letters of the name you want to find and press **OK**.
3. Press **Options** (or press **Details** if the **Name list** view is selected in your phone book), scroll to **E-mail address**, and press **Select**.

   The **E-mail address** box opens.
4. Enter the address.

   Press 1 once to insert a dot (.). Press 1 6 times to insert the @ sign.
5. When you've finished entering the address, press **OK**.

   The message **Saved** appears briefly, confirming your action.

Add a new e-mail address

1. At the Start screen, press **Names**, scroll to **Add new**, and press **Select**.

   The **Name** box opens.
2. Enter the name and press **OK**.

   The **Number** box opens.

3 Enter the phone number and press **OK**.

The message **Saved** appears briefly, confirming your action.

4 Press **Details**, then **Options**, scroll to **E-mail address**, and press **Select**.

The **E-mail address** box opens.

5 Enter the address.

Press 1 once to insert a dot (.). Press 1 6 times to insert the @ sign.

6 Press **OK**.

The message **Saved** appears briefly, confirming your action.

Edit an e-mail address

1 Follow steps 1 through 3 in "Save an e-mail address for an existing name" (earlier in this section) to find the name whose e-mail address you want to edit.

2 Enter any changes, using the scroll keys to move the insertion point backward and forward in the address.

3 When the address is the way you want it, press **OK**.

The message **Saved** appears briefly, confirming your action.

• Send an e-mail message

1 Press **Menu 1 > 1 > 5** (**Messages > Text messages > Write e-mail**).

The **E-mail address** box opens.

If your phone asks for an e-mail gateway number, contact your service provider.

2 Enter the e-mail address, or press **Search**.

- If you press **Search**, the phone lists only those names in your phone book that are saved with corresponding e-mail addresses. Scroll through the names and then press **OK**.
- If you enter the e-mail address, press **OK** when you've finished.

The **Subject** box opens.

3 Enter a subject and press **OK**.

The subject line can hold a maximum of 26 characters. You can leave the line blank if you wish.

4 When the message screen appears, enter your message.

Note: The maximum number of characters for message length varies; contact your service provider for details.

You can turn on predictive text input if you wish. For information, see "Write with predictive text input" on page 76.

5 When you've finished the message, press **Options**, select **Send**, and press **OK**.

A status message tells you the mail is being sent.

Options for a completed e-mail message

Send	Sends the message.
Save	Saves the message in the Saved folder.
Clear text	Erases the message, allowing you to rewrite.
Exit	Returns you to the previous screen.
Dictionary	Activates or deactivates the dictionary (predictive text input).
Spell mode[d]	Adds a new word to the dictionary.
Insert number[d]	Inserts a number in the message.
Insert symbol[d]	Inserts a special character in the message.
Matches[d]	Checks the spelling options in the dictionary for a word you have written.

[d] Visible only when dictionary activated

• Receive an e-mail message

When you receive an e-mail message, the phone sounds a message alert tone and the text message icon appears, along with one of the following messages:

- **Message received**: Indicates that you have an unread e-mail message, text message or page. If you have more than one new e-mail message, text message or page, the appropriate number is listed before this message. For more information on text messages and pages, refer to "Receive a text message" on page 81.
- **New emergency message**: Means that an emergency message or page was sent by someone via the service provider. Emergency messages are sent only in situations where life and/or property are in immediate danger. Emergency messages are listed first and override all other messages.
- **Urgent**: Means the message has a high priority.

Read an e-mail message

1 When you receive an e-mail message, press **Read**.

This takes you to the **Inbox**, with the new e-mail message selected.

OR

From the Start screen, press **Menu 1 > 1 > 1 (Message > Text messages > Inbox)**. Select the e-mail message you received and press **Read**.

2 Press **Read** again to read the e-mail message.

3 Press **Options** for the following options available while reading the e-mail message:

Read next	Takes you to the next e-mail message.
Erase	Erases the current e-mail message.
Save	Saves this e-mail message to the Saved folder.

Call back	Calls the person who sent you the e-mail message, if their phone number is included in the message. You can also press ☎ while the message is displayed to dial the number. If more than one number is on the screen, the numbers appear in a list. Scroll to the phone number you want to call and press ☎.
Forward	Forwards the e-mail message to another person. That person must have the appropriate message service.
Reply	Provides a screen where you can write a reply.

4 Scroll to the option you want, then press **OK**.

In your inbox, e-mail messages are shown in the order in which they were received, unless one is an emergency message. An emergency message overrides any order and appears first.

• Reply to or forward an e-mail message

1 If the message is not on the screen, press **Menu 1 > 1 > 1 (Message > Text messages > Inbox)**.

2 Scroll to the message you received and press **Read**.

3 Press **Options**, scroll to **Forward** or **Reply**, and press **OK**.

4 Scroll to **As e-mail** and press **Select**.

If your phone asks for an e-mail gateway number, contact your service provider.

If forwarding an e-mail message, go on to step 5. If replying to an e-mail message, skip to step 6.

5 Enter the recipient's e-mail address or press **Search** to find the name if it has been saved in your phone book.

- If you press **Search**, enter the first few letters of the name you want and press **OK** when you find the name. The address appears in the Recipient address box. Press **OK**.
- The phone lists all the names from your phone book. If you select a name for which there is no email address, your phone displays the message, **No e-mail address for this name**.
- If you enter the e-mail address, press **OK** when you've finished.

6 Enter a subject and press **OK**.

You can leave the line blank if you wish.

7 When the message box opens, write your reply or any message you want to add when you forward the mail.

You can turn on predictive text input if you wish. For information, see "Write with predictive text input" on page 76.

8 When you finish your message, press **Options**, scroll to **Send**, and press **OK**.

17. Use your personal assistant

Your phone can be your personal assistant. It can wake you up in the morning and remind you of meetings, birthdays, and tasks. You can check the current time, calculate a tip at dinner, and convert currencies.

With a calendar, clock, alarm clock, and phone book, you have everything you need to keep track of your life.

• Use the calendar

The calendar keeps track of birthdays, meetings, reminders, and calls you need to make. It can even sound an alarm when it's time for you to make a call or go to a meeting.

View the calendar

1 Press **Menu 8 (Calendar)**.

If you haven't already set the date, the phone prompts you to do so. To set the date, proceed to step 2. Otherwise, proceed to step 3.

2 Set the date using the **mm/dd/yyyy** format.

For example: If the date is 04 May 2001, type 05042001. The numbers you enter overwrite existing numbers.

3 Press **OK**.

Today's day and date appear.

Move from day to day

After you set the date, whenever you press Menu 8, your phone displays the current date and day.

1 To move forward or backward through the calendar, use ⌄ or ⌃.

2 When you reach the date you want, press **Options** and scroll to highlight the option you want.

Create a calendar note

This option enables you to create a note and associate it with one of the following categories: **Reminder**, **Call**, **Meeting**, or **Birthday**. You can also set an alarm for any calendar note.

1 Go to the day you want, then press **Options**.

2 Scroll to **Make note**, and press **Select**.

The list of categories appears.

3 Scroll to the category you want and press **OK**.

Reminder

The **Subject** field appears.

1 Enter the information and press **OK**. The current date appears.

- If you want to change the date for this reminder, do so and press **OK**.
- If you do not want to change the date, just press **OK**. The message **Set alarm for the note?** appears.

2 Press **Yes** or **No**.

- If you don't want to set an alarm, press **No**. The message **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

3 Enter the date on which you want the alarm to sound and press **OK**.

The **Alarm time** field appears.

4 Enter the time at which you want the alarm to sound using the hh:mm format and press **OK**.

5 Select either **am** or **pm** and press **OK**.

Note: Step 5 appears only if you have selected the am/pm format.

The message **Calendar note saved** appears.

Call

The **Number** field appears.

1 Either enter the number and press **OK**, or press **Search** and scroll through your phone book until you find the number you want. Press **OK**.

The **Date** field appears.

2 Enter the date on which you need to make this call and press **OK**.

The **Time** field appears.

3 Enter the time that you need to make this call using the hh:mm format and press **OK**.

4 Select **am** or **pm** and press **OK**.

Note: Step 4 appears only if you have selected the am/pm format.

The message **Set alarm for the note?** appears.

5 Press **Yes** or **No**.

- If you don't want to set an alarm, press **No**.
- The message **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

6 Enter the date on which you want the alarm to sound and press **OK**.

The **Alarm time** field appears.

7 Enter the time at which you want the alarm to sound using the **hh:mm** format and press **OK**.

8 Select either **am** or **pm** and press **OK**.

Note: Step 8 appears only if you selected the am/pm format.

The message **Calendar note saved** appears.

Meeting

The **Subject** field appears.

1 Enter the information and press **OK**.

The current date appears.

- If you do not want to change the date, just press **OK**. The **Time** field appears.
- If you want to change the date for this reminder, do so and press **OK**.

2 Enter the time of the meeting using the **hh:mm** format and press **OK**. Select **am** or **pm** and press **OK**.

Note: Step 2 appears only if you selected the am/pm format.

The message **Set alarm for the note?** appears.

3 Press **Yes** or **No**.

- If you don't want to set an alarm, press **No**.

  The message **Calendar note saved** appears.
- If you press **Yes**, the **Alarm date** field appears.

4 Enter the date on which you want the alarm to sound and press **OK**.

The **Alarm time** field appears.

5 Enter the time at which you want the alarm to sound using the hh:mm format and press **OK**.

6 Select either **am** or **pm** and press **OK**.

Note: Step 6 appears only if you selected the am/pm format.

The message **Calendar note saved** appears.

Birthday

The **Name** field appears.

1 Enter the person's name whose birthday you want to be reminded of and press **OK**.

The **Date** field appears.

2 Enter the month and day of this person's birthday and press **OK**.

The **Year of birth** field appears.

3 Enter the year using the **yyyy** format and press **OK**.

The message **Set alarm for the note?** appears.

4 Press **Yes** or **No**.

- If you don't want to set an alarm, press **No**.

  The message **Calendar note saved** appears.

- If you press **Yes**, the **Alarm date** field appears.

5 Enter the date on which you want the alarm to sound and press **OK**.

The **Alarm time** field appears.

6 Enter the time at which you want the alarm to sound using the **hh:mm** format and press **OK**.

7 Select either **am** or **pm** and press **OK**.

Note: Step 7 appears only if you selected the am/pm format.

The message **Calendar note saved** appears.

View the day's notes

You can review notes you've written for certain days.

1 To review notes for a certain day, open the calendar and scroll to the day you want.

2 Press **Options**, scroll to **View Day** and press **Select**.

3 Again press **Options**.

The following options are available:

Erase	Clears a note from your calendar. An **Erase note?** message appears to confirm your choice. Press **OK**.
Edit	Displays the note in the **Subject/Name** field, when you're writing. Make the changes you want and press **OK**. The date appears. Press **OK** again. The **Set alarm for the note?** message appears. Press **Yes** or **No**. The **message Calendar note saved** appears.
Move	Enables you to move the note to another date. When you press this option, the **Date** field appears. Enter the date to which you want to move this note and press **OK**. The message **Calendar note saved** appears.
Send note	Sends the note to another person's phone.

Erase notes

This option enables you to erase notes. You can choose from the following categories: **Of chosen day**, **One by one**, or **All at once**.

- After you choose a category, press **Erase** to delete the associated notes, or press **Back**.
- If you choose **All at Once**, your phone deletes every note that is saved in the calendar. When you're asked to confirm, press **Yes** or **No**.

When a calendar alarm goes off

When an alarm goes off, you have two choices: you can either press **OK** or **Postpone**.

- If you press **OK**, the alarm shuts off.
- If you press **Postpone**, the following message appears: **Alarm postponed for 10 min**.

After 10 minutes, the alarm once again goes off. The alarm can be postponed in increments of 10 minutes for up to 90 minutes. You can either:

- Press **Postpone** again OR
- Press **OK** to stop the alarm.

Send or receive calendar notes

When someone sends you a calendar note, your phone displays **Calendar note received**. You can save the note in your calendar and work with it in the same way as any other note in your calendar, including setting an alarm.

Send a calendar note

You can send a note to another phone user if the person has a phone that can receive calendar notes.

1. Create a new note, or scroll to the day where a note is stored.
2. Press **Options**, scroll to **Send note** and press **OK**.
3. In the Number box, enter the number to which you want to send the note.

   If the number is in your phone book, enter the name you want and press **Search** to find the number.
4. Press **Send**.

   The phone sends your message.

Receive a calendar note

Caution: If you press **Exit** the calendar note will be deleted!

1. When your phone shows **Calendar note received**, press **Options**.

   Show is selected.
2. Press **OK** and scroll through the note to read it.

Save a received calendar note

1. After viewing the calendar note, press **Back**.
2. Scroll to **Save**, then press **OK**.

Discard viewed calendar notes

After viewing the calendar note:

1 Press **Back**.

2 Scroll to **Discard** and press **OK**.

• Send and receive business cards

Your phone can send or receive electronic business cards consisting of a name and phone number. You can save received business cards in your phone book.

Send a business card

1 Find the name in your phone book.

2 Press **Options** and scroll to **Send bus. card**.

3 Press **Select**.

4 Enter or recall the phone number to which you want to send the business card, and press **Send**.

View a received business card

When you receive a business card, the phone displays **Business card received**.

Note: If you press **Exit** at any time before saving the business card, the business card will be deleted!

1 When your phone displays **Business card received**, press **Options**.

2 **Show** is selected. Press **OK**.

3 Scroll through the available information.

Save a viewed business card

1 After viewing the business card, press **Back**, scroll to **Save**, then press **OK**.

2 At the **Name:** prompt, edit the name if you want to, then press **OK**.

3 At the **Number:** prompt, edit the number if you want to, then press **OK**.

Delete a viewed business card

After viewing the business card, press **Back**, then press **Exit**. Or, press **Discard**, then press **OK**.

• Download ringing tones

You can download up to five ringing tones to replace the Personal entries in your list of ringing tones. For details about this network service, contact your wireless service provider.

Notification of received ringing tone

If you have this service and your phone receives a downloaded ringing tone, it notifies you with an alert tone and displays **Ringing tone received**.

Listen to received ringing tones

Note: If you press **Exit** at any time before saving the ringing tone, the ringing tone will be deleted!

1 When your phone shows **Ringing tone received**, press **Options**.

Playback is selected.

2 Press **OK**.

The phone plays the ringing tone.

Save received ringing tones

1 After listening to the ringing tone, press **Quit**.

2 Scroll to **Save tone**, then press **OK**.

3 Choose which ringing tone you want to replace — either an empty Personal placeholder, if any are remaining, or a previously downloaded tone.

4 Press **OK**.

The phone saves the new tone in the list of ringing tones.

Discard received ringing tones

You can discard a ringing tone if you don't want to save it.

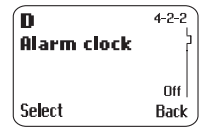
- Press **Exit**.

  OR

- Scroll to **Discard tone**, then press **OK**.

• Alarm clock

The alarm clock operates off your phone's clock. You can set the alarm clock to ring at any time, even if your phone is turned off. The alarm clock's volume is determined by the current ringing volume and tone settings.



If you have selected the **Silent** or **Beep once** ringing tone, then your alarm clock quietly beeps once. Your phone will also vibrate if you've activated this feature in the current profile.

To set the time, see "Set and display the clock" on page 56.

Set the alarm clock

1 Press **Menu 4 > 2 > 2 (Settings > Phone settings > Alarm clock)**. The Set alarm time message appears.

2 Enter the time for which you want to set the alarm using the hh:mm format and press **OK**.

Any existing numbers are replaced with the newly entered numbers.

3 Select either **am** or **pm** and press **OK**. The **Alarm on** message appears.

Note: Step 3 appears *only* if you have selected the am/pm format.

Turn off the alarm clock when it rings

- When the alarm clock rings:
- Press **Stop** to turn it off. The phone asks if you want to keep the phone on. Press **Yes** or **No**.
- Press **Snooze** to set the alarm to go off again in 10 minutes.

  If you let the alarm ring for 1 minute or more without pressing a key, it stops ringing, waits 10 minutes, and then rings again. This continues until you press **Stop**.

Turn off the alarm clock altogether

If you decide that you don't want the alarm to ever go off, you can turn it completely off.

1 Press **Menu 4 > 2 > 2 (Settings > Phone settings > Alarm clock)**.

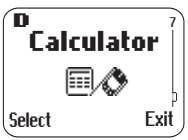
2 Use ⌄ or ⌃ to scroll to **Off** and press **OK**.

  If you have selected the **Silent** or **Meeting** profile, your alarm beeps only once. The best profile to use when using the alarm clock is **Normal** or **Outdoor**, unless these profiles have been modified from their original settings.

Warning: Do not switch on the phone where wireless phone use is prohibited or where it might cause interference or danger.

• Calculator

Your phone's calculator adds, subtracts, multiplies, divides, and converts currencies.



Use the calculator

1 Press **Menu 7 (Calculator)**.

2 Enter the first number in the calculation.

  If you need to enter a number with a decimal point, press # to indicate it.

3 Then, based on the type of calculation that you need to perform, use one of the following actions:

If you want to...	then...
add	press * (for + symbol)
subtract	press ** twice (for - symbol)
multiply	press *** (for * symbol)
divide	press **** (for / symbol)

Or, you can press **Options**, then use ▽ or △ to scroll to: **Equals**, **Add**, **Subtract**, **Multiply**, **Divide**, **To home**, **To visited**, or **Exchange rate**. Then press **OK**.

4 Enter the second number in the calculation and press **Options**.

5 Use ▽ or △ to scroll to **Equals** and press **OK**.

Note: Repeat steps 4 and 5 as many times as necessary.

Press **Clear** to erase any mistakes.

Convert currency

You can use the calculator to first set the exchange rate and then to calculate the exchange rate.

Set the exchange rate

1 Press **Menu 7 (Calculator)**, then press **Options**.

2 Use ▽ or △ to scroll to **Exchange rate** and press **OK**.

Select the exchange rate: **How many home units to a visited unit**, or **How many visited units to a home unit**.

3 Press **OK**.

The exchange rate box opens, with the number 1.

4 Enter the appropriate number and press **OK**.

The number 1 is overwritten by the number you entered. To enter a decimal point, press #⇧ .

5 Press **OK**.

The **Rate saved** message appears.

Calculate currency using the exchange rate

1 Press **Menu 7 (Calculator)**.

2 Enter number of units comprising the exchange rate.

3 Press **Options** and scroll to **To home** or **To visited**.

To home converts visited units of currency to home units using the exchange rate.

To visited converts home units of currency to visited units using the exchange rate.

4 Press **OK**.

18. Games

You phone provides exciting games that you can play whenever the phone is turned on:

Memory
Snake
Logic
Rotation

1 Press **Menu 6 (Games)** to display the listing of these games.

2 Use ▽ or △ to scroll to the game you want to play and press **Select**.

A list of options appears:

New game	Starts a new game.
Top score	Displays the top score. **Note:** This option is not available in the Logic game.
Instructions	Describes how the game is played.
Level	Sets the level of difficulty.
Continue	Returns you to a game in progress.

3 Press **Select** to choose an option.

• Memory

This game provides black boxes with pictures underneath. The object is to find picture pairs as quickly as possible. You can choose a higher level of play if you want to increase the number of boxes.

1 Press the 5 key to reveal a picture.

2 Try to find picture pairs in as few tries as possible.

3 Use the following keys to move around: 2 (up), 4 (left), 6 (right), and 8 (down).

4 Press the * key to jump to the left over pictures that have already been revealed or to move from the top left to the bottom right.

5 Press the # key to jump to the right over pictures that have already been revealed or to move from the bottom right to the top left.

Once found, pairs stay visible.

• Snake

This game places an object, which represents a piece of food, in the middle of the screen. At the bottom of the screen is a line that represents the snake. Choosing a higher level of play causes the snake to move faster.

1 Use the following keys as cursors: 2 (up), 4 (left), 6 (right), and 8 (down).

2 Move the snake toward the food and watch the snake grow.

The longer the snake's tail grows, the higher the score. If the snake hits its own tail or the surrounding wall, the game is over.

• Logic

This game asks you to find a secret combination of figures. At the beginning of the game, several figures appear on the top left portion of the phone's screen. Underneath the far left of these figures is a blinking bracket. Choosing a higher level of play adds more figures to work with.

1 Press the 5 key to replace the bracket with a blinking figure.

2 Use the following keys as cursors: 2 (up), 4 (left), and 8 (down).

3 Try to find the secret combination of figures.

To copy a figure from a previously accepted row, start scrolling with the 4 key, move the cursor to the desired figure in the normal way, and accept the selection with the 5 key.

4 Once you think you have the right combination, press the * key.

The result is presented as a set of marks over the row. A correct figure in the right place displays a rectangle. A correct figure in the wrong place displays a line.

The game ends when all the figures are correct and in the right place.

• Rotation

This game asks you to put numbers in ascending order, as quickly as possible. At the beginning of this game, you see various numbers, four of which are surrounded by a box.

1. Use the following keys as cursors: 2 (up), 4 (left), 6 (right), and 8 (down).
2. Move the box up, left, right, and down.
3. Within the box, use the 1 or 7 key to rotate the numbers counter-clockwise, and use the 3, 5, or 9 key to rotate the numbers clockwise.

The more quickly you put the numbers in order, the higher your score. The higher the level at which you play, the more numbers you must put in order.

19. Reference information

• Batteries, chargers, and accessories

This section provides information about the phone's batteries, accessories, and chargers. Be aware that the information in this section is subject to change as the batteries, chargers, and accessories change.

This phone is intended for use when supplied with power from an ACP-7U, an ACP-8U, LCH-8, or an LCH-9. Other usage could invalidate any approval given to this apparatus and might be dangerous.

Warning! When you purchase batteries, chargers, and accessories for your phone, use *only* batteries, chargers, and accessories that have received approval from the phone's manufacturer. The use of any other type of phone-related hardware will invalidate any approval or warranty applying to the phone, and could also be dangerous. For availability of approved batteries, chargers, and accessories, check with your dealer.

- When the battery is fully charged, the indicator will tell you that the battery is fully charged.
- When you are not using a charger, disconnect it from the power source. Do not leave the battery connected to a charger for more than a week, since overcharging could shorten its lifespan. If left unused, a fully charged battery will discharge itself over time.

Temperature extremes can affect the ability of your battery to charge. Therefore, allow it to cool down or warm up before trying to charge it.

When the battery is running out of power and your phone only has a few minutes of talk time remaining, a warning tone sounds and the **Battery low message appears** briefly. When no more talk time is left, a warning tone is sounded and the phone switches itself off.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object, like a coin, a clip, or a pen causes a direct connection of the + and - terminals of the battery, which are metal strips on the edge of the battery.

An example of short-circuiting could occur if you carry a spare battery in your pocket or purse, where the battery could come into contact with such objects like a coin. Short-circuiting could damage either the battery or the connecting object.

Leaving the battery in hot or cold places, such as in a closed car in either summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15° C and 25° C (59° F and 77° F).

A phone with a hot or cold battery might not work temporarily, even if the battery is fully charged. The performance of Li-Ion batteries is particularly limited in temperatures below 0° C (32° F).

The following list provides a guideline that you can follow:

- When the operating time (talk time and standby time) is noticeably shorter than normal, buy a new battery.
- Use the battery only for its intended purpose.
- Never use any charger or battery that is damaged and/or worn out.
- Batteries must be recycled or disposed of properly. Do not dispose of batteries by putting them in fire!
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

• Important safety information

This section provides additional safety information. A brief overview of safety can be found in "For your safety" on page 1.

Traffic safety

Do not use a hand-held telephone while driving a vehicle. Always park the vehicle before using the phone.

After completing your phone conversation, always secure the phone back into its holder; do not place the phone on the passenger seat or place it where it can break loose in a collision or during a sudden stop.

Note: The use of an alert device to operate a vehicle's lights or horn on public roads is not permitted.

Remember: Safety—Your most important call.

Operating environment

Remember to follow any special regulations that are in force in any area, and always switch off your phone wherever it is forbidden to use it. Otherwise, the use of your phone could cause interference or danger.

When connecting the phone or any accessory to another device, read the associated user guide first and obtain detailed safety instructions.

Note: Do not connect incompatible products.

As with other mobile radio transmitting equipment, you are advised that, for the satisfactory operation of the equipment and for the safety of personnel, it is recommended that the phone should only be used in the normal operating position. This position is when the phone is held to your ear with the antenna pointing over your shoulder.

Electronic devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, certain electronic equipment might not be shielded against the RF signals from your wireless phone. The following four subsections provide more information about this topic.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of six inches (20 cm.) should be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- should always keep the phone more than six inches (20 cm) from their pacemaker when the phone is switched on
- should not carry the phone in a breast pocket
- should use the ear opposite the pacemaker to minimize the potential for interference

Note: If you have any reason to suspect that interference is taking place, switch off your phone immediately.

Hearing aids

Some digital wireless phones could interfere with some hearing aids. In the event of such interference, you might want to consult your service provider.

Other medical devices

Operation of any radio transmitting equipment, including cellular phones, could interfere with the functionality of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine if they are adequately shielded from external RF energy. Also contact these authorities if you have any questions.

Switch off your phone in health care facilities or where any posted regulations instruct you to do so. Hospitals or health care facilities could be using equipment that is sensitive to external RF energy.

Vehicles

RF signals could improperly affect installed or inadequately shielded electronic systems in motor vehicles. These could include electronic fuel injection systems, electronic anti-skid (anti-lock) braking systems, electronic speed control systems, or air bag systems.

Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted facilities

Switch your phone off in any facility where posted notices so require.

Potentially explosive atmospheres

Switch off your phone if you are in any area that has a potentially explosive atmosphere, and obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or even death.

You are advised to switch off the phone while at a refueling point (service station). And, you are reminded of the need to observe restrictions regarding the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress.

Areas with a potentially explosive atmosphere are often—but not always—clearly marked. These areas include the following: below deck on boats; chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.

Vehicles

Only qualified personnel should service the phone or install the phone in a vehicle. Faulty installation or service could be dangerous and might invalidate any warranty that could apply to the unit.

Regularly check that all wireless phone equipment in your vehicle is mounted and operating properly.

Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the phone, its parts, or accessories.

For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including both the installed or the portable wireless equipment, in the area over the air bag or in the air bag deployment area. If the in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Switch off your phone before boarding an aircraft. The use of wireless telephones in an aircraft may be dangerous to the operation of the aircraft, disrupt the wireless telephone network and may be illegal.

Failure to observe these instructions could lead to the suspension or the denial of telephone services to the offender, or it could result in legal action, or both scenarios could apply.

• Emergency calls

IMPORTANT!

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connections in all conditions cannot be guaranteed. Therefore, you should *never* rely solely on any wireless phone for essential communications (e.g. medical emergencies).

Remember, to make or receive any calls, the phone must be switched on and be used in a service area that has adequate signal strength. Emergency calls might not be possible on all wireless phone networks or when certain network services and/or phone features are in use. Check with local service providers.

Always ensure that your phone is properly charged before attempting any emergency calls. If you allow your battery to become empty, you will be unable to receive or make calls, including emergency calls. You must then wait a few minutes after the charging begins to place any emergency calls.

Make an emergency call

1 If the phone is not on, switch it on.

2 Enter the emergency number for your present location (for example, **911** or any other official emergency number—emergency numbers vary by location).

3 Press .

You can also use the emergency key . See "Use emergency key 9" on page 61.

If certain features are in use (Keyguard, fixed dialing, restrict calls, and so on), you might first need to turn those features off before you can make an emergency call. Consult this guide and your local cellular service provider.

When making an emergency call, remember to give all of the necessary information as accurately as possible. Remember that your wireless phone might be the only means of communication at the scene of an accident—do not terminate the call until given permission to do so.

Radio frequency (RF) signals

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.* Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone as reported to the FCC when tested for use at the ear is 1.14 W/Kg and when worn on the body, as described in this users guide, is 1.02 W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of **http://www.fcc.gov/oet/fccid** after searching on **FCC ID GMLNSW-4DX**. For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Nokia approved accessories. When carrying the phone while it is on, attach the phone to the specific belt-clip or place the phone in the specific Nokia carrying cases that have been tested for compliance.

Use of non-Nokia-approved accessories may violate FCC RF exposure guidelines and should be avoided.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements. SAR values may vary depending on national reporting requirements and the network band. For SAR information in other regions please look under product information at **http://www.nokia.com**.

Care and maintenance

Your phone is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfill any warranty obligations and allow you to enjoy this product for many years.

When using your phone, battery, charger, or any accessory:

- Keep it and all its parts and accessories out of the reach of small children.
- Keep it dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits.
- Do not use or store it in dusty, dirty areas as its moving parts can be damaged.
- Do not store it in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store it in cold areas. When the phone warms up to its normal operating temperature, moisture can form inside the phone, which could damage the phone's electronic circuit boards.
- Do not attempt to open it. Non-expert handling of the device could damage it.
- Do not drop, knock or shake it. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean it. Wipe it with a soft cloth that has been slightly dampened in a mild soap-and-water solution.
- Do not paint it. Paint can clog the device's moving parts and prevent proper operation.
- If the phone, battery, charger, or any accessory is not working properly, take it to your nearest qualified service facility. The personnel there will assist you, and if necessary, arrange for service.

• Accessories

If you want to enhance your phone's functionality, a range of accessories is available for you. You can select any of these items to help accommodate your specific communication needs. For availability of these and other accessories, contact your service provider.

A few practical rules for accessory operation

- Keep all accessories out of reach of small children.
- When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.
- Check regularly that any vehicle-installed accessories are mounted and are operating properly.
- Installation of any complex car accessories *must* be made by qualified personnel only.
- Use only batteries, chargers, and accessories that have been approved by the phone manufacturer. The use of any other types could invalidate any approval or warranty applying to the phone, and could be dangerous.

• Battery

This section provides information about the phone's battery. Be aware that the information in this section is subject to change.

Note: This is a lithium ion (Li-Ion) battery. Dispose of used batteries in accordance with any local regulations.

The tables shown in this section provide information about battery options that are available for your phone, charging times with the Rapid Travel Charger (ACP-8U), the Standard Travel Charger (ACP-7U), talk times, and standby times. Consult your service provider for more information.

Note: The charging times listed in the next section are approximate.

Charging times

Battery Option	ACP-7U Charger	ACP-8U Charger
BLB-3 Li-ion Battery 900 mAh	2 hrs 40 min	65 min

- The times displayed above allow your battery to obtain approximately 80% of its capacity. When this happens, the battery scroll bars on your phone's screen stop scrolling.
- If you want to obtain 100% battery capacity, allow another 2 hours for a "trickle" or "maintenance" charge.

Standby and talk times

Battery Option	Digital Talk Time	Analog Talk Time	Standby Time
BLB-3 Li-ion Battery 900 mAh	120 min to 200 min	60 min to 112 min	96 to 200 hrs (dig) 37 to 60 hrs (ana)

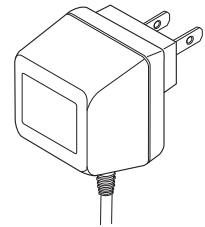
The above times are approximate. Battery operation times vary according to signal conditions, network parameters that are set by the service provider, and how you use your phone.

• Chargers and other accessories

This section provides information about the phone's chargers and accessories. Be aware that the information in this section is subject to change as the chargers and accessories change.

The chargers and accessories that are described in this section are available for your phone. Contact your dealer for details. Also, refer to the accessories brochure that was included in your sales package for the entire line of Nokia Original Accessories.

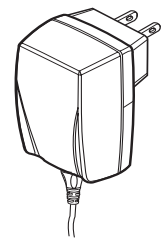
Standard Travel Charger (ACP-7U)



This is a lightweight (187g) and durable AC charger.

- To use the Standard Travel Charger, plug it into a wall outlet and connect the lead from the charger to the base of your phone.

Rapid Travel Charger (ACP-8U)

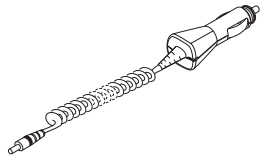


This is a lightweight (100g) and durable AC charger. Calls can be made during charging, even with a fully discharged battery.

- To use the Rapid Travel Charger (ACP-8U), plug it into a standard 120V or 220V AC wall outlet, and connect the lead from the charger to the base of your phone.

The charger can also be used together with the optional Desktop Charging Stand. Approximate charging times for discharged batteries are shown in "Charging times" on page 116.

Rapid Mobile Charger (LCH-8/LCH-9)



You can charge your phone's battery from your vehicle battery by using the Rapid Mobile Charger (LCH-8/LCH-9). You can also use this lightweight charger with the Desktop Charging Stand.

Calls are possible during charging. A green light indicates that the charger is ready for charging. The battery charging times are the same as those for the Rapid Travel Charger (ACP-8U).

The input voltage range is from 11 to 32V DC, negative grounding. Avoid prolonged charging with the Rapid Mobile Charger (LCH-8/LCH-9) when the car engine is not running; this could cause your car battery to drain. Note also, that in some cars, the cigarette lighter plug is not provided with electricity if the ignition is not switched on.

Desktop Charging Stand (DCV-11)

Used together with the Standard Travel Charger (ACP-7U) or the Rapid Travel Charger (ACP-8U), the Desktop Charging Stand is an economical choice when you need your phone close at hand, always ready for calls.

This charging stand allows you to charge your phone's battery in an upright, obtainable position on your desk.

- Charging is indicated by the scrolling battery bars that are located on the right side of your phone's Start screen.

• Troubleshooting

This section provides a table that lists some of the most commonly-encountered problems and provides possible solutions.

Problem	Possible cause	Possible solution
My phone isn't charging.	The charger and the phone are not properly connected.	Securely connect the charger to the phone.
	The charger is not properly plugged in.	Ensure that the charger is plugged in correctly.
My phone isn't making/ answering calls.	The battery is not charged.	Charge the battery.
	The signal strength is poor.	If you are indoors, move toward a window.
I can't listen to my voice messages.	You don't have voice mail service.	Call your wireless service provider.
I can't listen to my voice messages. (continued)	You have not set up your voice mailbox with your service provider.	Call your wireless service provider.
	You have not saved your voice mail number in your phone.	Refer to "Set up your voice mailbox" on page 30.
	The voice mail number you have saved is incorrect.	Call your wireless service provider.
	You have forgotten your password or are entering it incorrectly.	Call your wireless service provider.

20. Frequently Asked Questions (FAQ)

This section lists and answers the questions phone users most frequently ask.

Some of the answers tell you to use menu shortcuts. For a complete listing of these shortcuts, refer to "List of shortcuts" on page 17.

Q. How do I lock my phone?

A. Press **Menu 4 > 3 > 2 > 1 (Menu > Settings > Security settings > access codes)**, enter your lock code, scroll to **On**, and press **OK**.

Q. How do I unlock my phone?

A. Press **Menu 4 > 3 > 2 > 1 (Menu > Settings > Security settings > access codes)**, enter your lock code, scroll to **Off**, and press **OK**.

Q. What is my lock code?

A. The lock code enables you to lock your phone, thus preventing someone else from using it. The default lock code is 1234. However, it is suggested that you change this code immediately.

Q. What is my security code?

A. The default security code is **12345**. However, it is suggested that you change this code immediately. Certain features can be used *only* after the correct security code has been successfully entered.

Q. How do I lock the keypad?

A. There are three ways you can lock the keypad: press and hold , press **Menu** , or from the Start screen, press **Menu 9 (Menu > Keyguard)**. The term Keyguard is also used in connection with this feature.

Q. How do I unlock the keypad?

A. There are two ways you can unlock the keypad: press and hold and then press **OK**, or press **Unlock** and . The term Keyguard is also used in connection with this feature.

Q. How do I make the ringing louder?

A. Press **Menu 3 > 1 > 2 > 2** (**Menu > Profiles > Normal > Customize > Ringing volume**), then choose a volume level.

Q. How do I change the ringing tone?

A. Press **Menu 3** (**Menu > Profiles**) and scroll through the list of profiles until you find the one for which you want to set the ringing tone, then press **Options**.

- Highlight **Customize** and press **OK**.
- Scroll to **Ringing tones**, then press **Select**.
- Scroll through the options. After you hear the tone you want to use, press **OK**.

Q. How do I store my voice mailbox number?

A. Press **Menu 1 > 2 > 2**, enter your voice mailbox phone number, and press **OK**. The screen tells you that the number is saved. Then the following message appears: **Save hidden voice mailbox password?** Press **Yes** to save this number.

This voice mailbox number is valid unless your phone number changes. If your phone number changes, you will have to save a new voice mailbox number.

Q. How do I call my voice mailbox number (retrieve voice messages)?

A. When your phone alerts you to new voice messages, press **Listen** and follow the instructions on the phone. If you'd rather listen to your messages later, press **Exit**.

To listen to your voice messages at a later time, perform one of the following actions:

- Press and hold the 1 key.
- Press **Menu 1 > 2 > 1 (Messages > Voice messages > Listen to voice messages)**. The message **Calling voice mailbox** appears on the screen. Follow the prompts to access your messages.

Q. How do I find my phone's model number?

A. Turn your phone off, then remove the battery from the back of the phone. On the sticker that is on the rear cover, after the word **Model**, your phone's model number is printed.

Q. How do I redial the last-dialed number.

A. Press twice, quickly.

Q. How do I assign a key to 1-touch dialing?

A. Press **Names** and scroll to **1-touch dialing**.

Press **Select**.

Use or to scroll to the first number that includes the message **(empty)** and press **Assign**.

Use or to scroll to the name/number to which you want to assign to this key and press **Select**.

Repeat these steps as many times as necessary.

Q. How do I find out how many memory locations the phone has?

A. Press **Names** and scroll to **Options**.

Press **Select**.

Scroll to **Memory status** and press **Select** again. A message appears that says **Phone: xx free, xx in use** where xx indicates the amount of memory locations.

Q. How do I find my phone's ESN (electronic serial number)?

A. Turn your phone off. Remove the phone's back cover, grasp the ridge at the end of the battery with a fingernail, and lift the battery out. On the inside of the phone, on the sticker that was beneath the battery, after the letters **ESN**, your phone's ESN appears.

Q. How can I change the contrast of my phone's display?

A. The contrast of your phone's display is fixed and *cannot* be changed.

Q. How do I clear my call timers?

A. **WARNING:** The clearing of call timers *cannot* be undone.

Press **Menu 2 > 5 > 5** and when the **Security code** field appears, enter your security code and press **OK**.

21. Glossary

This section lists various terms and provides definitions.

antenna	The portion of the phone that sends or receives radio signals.
battery	The power source for the phone.
call forwarding	A network services feature you use to forward incoming calls to another number.
call waiting	A network services feature that enables your phone to beep while you are in the middle of a call. The beep lets you know that someone else is calling you.
caller ID	A network services feature that identifies incoming calls.
digital/analog selection	A network services feature that enables you to switch your phone between digital and analog modes. This feature is available only for certain phones.
electronic serial number (ESN)	The identification number that is assigned to the phone.
home system	The system in which your phone works without having to roam.
icons	Small pictures that appear on your phone's screen and are representative of something. For example, the ABC icon indicates that you can enter alphabetic text into a specific field.
keypad tones	See *tones*.

message alert tone See *tones*.

microphone The place on your phone into which you speak.

mobile-originated short message service (MO-SMS) MO-SMS (mobile-originated short message service) allows you to send text messages from your phone, as well as receive them.

network services Special services to which your wireless service provider can give you access. These include:

Call forwarding
Call waiting
Caller ID
Digital/analog selection
Public system selection
Send own number
Selecting a phone number
Voice mail
Voice privacy

public system selection A network services feature you can use to switch from the default public system (home system) your phone uses to either a private or a residential system.

ringing tone See *tones*.

ringing volume The volume level at which your phone rings. You can set the phone to ring softer or louder.

roaming Occurs when you take your phone to an area that is outside of your home system.

scrolling Moving through a list that is displayed on your phone, such as a menu list or a listing of phone numbers.

sending own number

A network services feature that enables you to determine, on a per-call basis, whether you want your telephone number to display on another phone's caller ID.

Selecting a phone number

A network services feature that enables you to switch between phone numbers if you have more than one.

Start screen

The window on your phone on which information is displayed—phone numbers, text messages, icons, menu options, and more.

system

A wireless network in which your phone works. There are three types of systems: residential, private, and public.

The public system is also known as a home system, and it is in this system that your phone works. If you take your phone outside of this system, roaming occurs.

tones

Sounds that the phone uses to indicate the sound:

- When you press a key—keypad tone
- When you receive a text message—message alert tone
- When you receive a call—ringing tone
- When a warning condition occurs (such as when a battery runs low) or when you're playing a game—warning and game tones

You can choose the way the tone sounds. For example, you can choose a short ring, an ascending ring, or a beep.

voice channel A channel on which a voice conversation occurs and on which brief digital messages may be sent from a base station to a mobile station or from a mobile station to a base station.

voice mail A network services feature that enables people who call and miss you to leave a voice message on your phone. You can then retrieve these messages from your voice mailbox.

voice mailbox The area of the phone that collects and saves the voice messages left by those who call and miss you.

voice privacy A network services feature that encrypts the voice channel so that people cannot eavesdrop on your phone conversations.

volume The volume level you set for the earpiece. This controls how loud the sound is in the earpiece.

You can adjust the volume (while in a call or at any time) by pressing the volume keys on the upper left side of the phone.

warning and game tones See *tones*.

22. Technical Information

Weight	96.9g (3.41 oz) with BLB-3 900 mAh Li-ion Battery
Size	85 cc
Frequency Range	Lowband 824.04 - 848.97 MHz (TX) 869.04 - 893.97 MHz (RX) Highband 1850.04 - 1909.92 MHz (TX) 1930.08 - 1989.96 MHz (RX)
Transmitter Output Power	Up to 600mW
Battery Voltage	3.6 V nominal
Operating Temperature	-4°F to + 104°F (-20°C to + 40°C)
Number of Channels	832 lowband 1997 highband
Phone numbers	3
Memory Locations	250
Memory Capacity	Alpha: 26 digits per location Numeric: 32 digits per location

23. NOKIA One-Year Limited Warranty

Nokia Inc. (“Nokia”) warrants that this cellular phone (“Product”) is free from defects in material and workmanship that result in Product failure during normal usage, according to the following terms and conditions:

1 The limited warranty for the Product extends for ONE (1) year beginning on the date of the purchase of the Product.

2 The limited warranty extends to the original purchaser of the Product (“Consumer”) and is not assignable or transferable to any subsequent purchaser/end-user.

3 The limited warranty extends only to Consumers who purchase the Product in the United States.

4 During the limited warranty period, Nokia will repair, or replace, at Nokia's option, any defective parts, or any parts that will not properly operate for their intended use with new or factory rebuilt replacement items if such repair or replacement is needed because of product malfunction or failure during normal usage. No charge will be made to the Consumer for any such parts. Nokia will also pay for the labor charges incurred by Nokia in repairing or replacing the defective parts. The limited warranty does not cover defects in appearance, cosmetic, decorative or structural items, including framing, and any non-operative parts. Nokia's limit of liability under the limited warranty shall be the actual cash value of the Product at the time the Consumer returns the Product for repair, determined by the price paid by the Consumer for the Product less a reasonable amount for usage. Nokia shall not be liable for any other losses or damages. These remedies are the Consumer’s exclusive remedies for breach of warranty.

5 Upon request from Nokia, the Consumer must prove the date of the original purchase of the Product by a dated bill of sale or dated itemized receipt.

6 The Consumer shall bear the cost of shipping the Product to Nokia in Melbourne, Florida. Nokia shall bear the cost of shipping the Product back to the Consumer after the completion of service under this limited warranty.

7 The Consumer shall have no coverage or benefits under this limited warranty if any of the following conditions are applicable:

a) The Product has been subject to abnormal use, abnormal conditions, improper storage, exposure to moisture or dampness, unauthorized modifications, unauthorized connections, unauthorized repair, misuse, neglect, abuse, accident, alteration, improper installation, or other acts which are not the fault of Nokia, including damage caused by shipping.

b) The Product has been damaged from external causes such as collision with an object, or from fire, flooding, sand, dirt, windstorm, lightning, earthquake or damage from exposure to weather conditions, an Act of God, or battery leakage, theft, blown fuse, or improper use of any electrical source, or damage caused by the connection to other products not recommended for interconnection by Nokia.

c) Nokia was not advised by the Consumer in writing of the alleged defect or malfunction of the Product within fourteen (14) days after the expiration of the applicable limited warranty period.

d) The Product serial number plate or the accessory data code has been removed, defaced or altered.

e) The defect or damage was caused by the defective function of the cellular system or by inadequate signal reception by the external antenna.

8 If a problem develops during the limited warranty period, the Consumer shall take the following step-by-step procedure:

a) The Consumer shall return the Product to the place of purchase for repair or replacement processing.

b) If "a" is not convenient because of distance (more than 50 miles) or for other good cause, the Consumer shall ship the Product prepaid and insured to:

Nokia Inc.
Attn: Repair Department
795 West Nasa Blvd.
Melbourne, FL. 32901

c) The Consumer shall include a return address, daytime phone number and/or fax number, complete description of the problem, proof of purchase and service agreement (if applicable). Expenses related to removing the Product from an installation are not covered under this limited warranty.

d) The Consumer will be billed for any parts or labor charges not covered by this limited warranty. The Consumer will be responsible for any expenses related to reinstallation of the Product.

e) Nokia will repair or authorize the repair of the Product under the limited warranty within 30 days after receipt of the Product by Nokia or an Nokia authorized service center. If Nokia cannot perform repair covered under this limited warranty within 30 days, or after a reasonable number of attempts to repair the same defect, Nokia at its option, will provide a replacement Product or refund the purchase price of the Product less a reasonable amount for usage.

f) If the Product is returned to Nokia during the limited warranty period, but the problem with the Product is not covered under the terms and conditions of this limited warranty, the Consumer will be notified and given an estimate of the charges the Consumer must pay to have the Product repaired, with all shipping charges billed to the Consumer. If the estimate is refused, the Product will be returned freight collect. If the Product is returned to Nokia after the expiration of the limited warranty period, Nokia's normal service policies shall apply and the Consumer will be responsible for all shipping charges.

9 The Product consists of newly assembled equipment that may contain used components that have been reprocessed to allow machine compliance with Product performance and reliability specifications.

10 ANY IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR USE, SHALL BE LIMITED TO THE DURATION OF THE FOREGOING LIMITED WRITTEN WARRANTY. OTHERWISE, THE FOREGOING LIMITED WARRANTY IS THE CONSUMER'S SOLE AND EXCLUSIVE REMEDY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. NOKIA SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO, LOSS OF ANTICIPATED BENEFITS OR PROFITS, LOSS OF SAVINGS OR REVENUE, PUNITIVE DAMAGES, LOSS OF USE OF THE PRODUCT OR ANY ASSOCIATED EQUIPMENT, COST OF CAPITAL, COST OF ANY SUBSTITUTE EQUIPMENT OR FACILITIES, DOWNTIME, THE CLAIMS OF ANY THIRD PARTIES, INCLUDING CONSUMERS, AND INJURY TO PROPERTY, RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM BREACH OF THE WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT TORT, OR ANY OTHER LEGAL OR EQUITABLE THEORY, EVEN IF NOKIA KNEW OF THE LIKELIHOOD OF SUCH DAMAGES. NOKIA SHALL NOT BE LIABLE FOR DELAY IN RENDERING SERVICE UNDER THE LIMITED WARRANTY, OR LOSS OF USE DURING THE PERIOD THAT THE PRODUCT IS BEING REPAIRED.

11 Some states do not allow limitation of how long an implied warranty lasts, so the above one-year warranty limitation may not apply to you (the Consumer). Some states do not allow the exclusion or limitation of incidental and consequential damages, so certain of the above limitations or exclusions may not apply to you (the Consumer). This limited warranty gives the Consumer specific legal rights and the Consumer may also have other rights which vary from state to state.

12 Nokia neither assumes nor authorizes any authorized service center or any other person or entity to assume for it any other obligation or liability beyond that which is expressly provided for in this limited warranty including the provider or seller of any extended warranty or service agreement.

13 This is the entire warranty between Nokia and the Consumer, and supersedes all prior and contemporaneous agreements or understandings, oral or written, and all communications relating to the Product, and no representation, promise or condition not contained herein shall modify these terms.

14 This limited warranty allocates the risk of failure of the Product between the Consumer and Nokia. The allocation is recognized by the Consumer and is reflected in the purchase price of the Product.

15 Any action or lawsuit for breach of warranty must be commenced within eighteen (18) months following delivery of the Product.

16 Questions concerning this limited warranty may be directed to:

Nokia Customer Care Center
7725 Woodland Center Blvd., Ste. 150
Tampa, FL 33614
Telephone: 1-888-NOKIA2U (1-888-665-4228)
Facsimile: 1-813-249-9619

For the hearing-impaired only (TTY):
1-800-24NOKIA (1-800-246-6542)

17 The limited warranty period for Nokia supplied attachments and accessories is specifically defined within their own warranty cards and packaging.

24. Index

Numerics

1-touch dialing *59*

A

ABC text entry mode *21*
accessories *115*
accessories, operating *115*
adding names and numbers *26*
alarm
  snoozing a calendar alarm *95*
alarm clock *99*
  setting *99*
  turn off altogether *100*
  turning off or snoozing *100*
answering a call *13*
answering calls automatically *54*
automatic answer *54*
automatic update of date and time
  confirm first *58*
  turn off *58*
  turn on *58*

B

battery *116*
  chargers *117*
  charging *5*
  installing *5*
  removing *6*
  standby and talk times *116*
battery power indicator *11*
business cards *97*

C

calculator *100*
calendar *90*
  creating a note *91*
  erasing notes *95*
  turning off alarms *95*
  viewing *90*
calendar notes
  receiving *96*
  sending *96*
calendar notes, viewing *94*
call forwarding *40*
  activating *40*
  store the feature code *40*
call lists, clearing *34*
call log *32*
  checking *32*
call timer
  clearing *36*
  turning on *36*
call timers, checking *35*
call waiting *38*
  activating *38*
  storing the feature code *38*
  using *38*
caller groups
  adding names *62*
  assigning ringing tone *62*
  display graphics *63*
  rename *63*
caller groups with caller ID *62*
caller ID *14*
  Send own number or block *44*
calling cards *42*
  choosing *44*
  using *44*
calls
  answering *13*
  making *13*

restricting incoming and outgoing *69*
chargers *117*
clock
changing time format (am/pm, 24-hour) *57*
display on screen *57*
set *56*
set automatic update of time *58*
conference calls *39*
currency conversion *101*

D

digital/analog selection *20, 46*

E

earpiece volume *14*
e-mail messages
forwarding *88*
reading *87*
receiving *87*
saving an e-mail address in the phone book *84*
sending *85*
emergency calls *2, 111*
emergency key 9 *61*
end key *8*
erasing stored numbers *28*
exchange rate, calculating *102*

G

game tones *53*
games *103*
Logic *104*
Memory *103*
Rotation *105*
Snake *104*
glossary of terms *124*

H

handset volume indicator *11*
handset volume marker *11*

I

icons on the screen *10, 11, 12*
in-call options *37*

K

keyguard *68*
keypad tones, setting *53*
keypad, locking *68*
keys *8*
Power *9*
scroll *10*
selection *9*
keys on the phone *7*

L

language, setting the phone *56*
letters
ABC entry method *21*
enter *21*
uppercase and lowercase *22*
lights, setting (car kit only) *55*
listening to voice messages *31*
lock code *66*

M

maintenance *114*
making a call *13*
memory *82*
memory status, checking *29*
menus
navigate *16*
phone book *24*
scroll *16*
shortcuts *16*

Menus, navigating using the scroll method *16*
message alert tone *54*
missed calls, checking *33*

N

names
  editing *22*
network services
  need to subscribe *3*
  setting *71*
Nokia
  contacting *4*
  World Wide Web *3*
numbers
  enter *23*

O

one-touch dialing *59*

P

personal assistant *90*
phone
  accessories *115*
  maintenance *114*
  protecting with lock code *66*
  reference information *106*
  safety guidelines *107*
  security *65*
phone book *24*
  adding an e-mail address *84*
  adding names and numbers *26*
  changing stored numbers *26*
  erasing entries *28*
  erasing whole *28*
  menus *24*
  unique entries *24*
  views *25*
phone number, selecting *45*
phone safety guidelines *1, 2*
phone system
  selecting *71*
  selecting automatically *72*
  selecting different *71*
  selecting manually *72*
  selecting public *73*
  switching from private to public *72*
Power key *9*
predictive text
  character counter *77*
predictive text input
  keys and tools *77*
  turning off *78*
  turning on *76*
  using *76*
previously dialed calls, checking *33*
profiles
  customizing *50*
  list *49*
  renaming *55*
  selecting different *49*
punctuation *22*

Q

questions, frequently asked *120*

R

radio frequency (RF) signals *112*
received calls, checking *34*
redialing automatically *41*
redialing same number *14, 27*
reference information *106*
restoring factory settings *56*
restricting incoming and outgoing calls *69*

ringing options *50*
ringing tone *52*
ringing tones, downloading *98*
ringing volume *51*
roaming *74*
  HOME *74*
  indicators *74*

S

safety *1*
scroll bar *10*
scroll keys *8, 10*
Scrolling method *16*
security *65*
security code *65*
  changing *65*
  preset (default) *65*
service provider
  contacting *4*
settings
  restoring factory defaults *56*
shortcut
  method *16*
shortcuts
  list *17*
signal strength *11*
signal strength indicator *11*
special characters *22*
Start screen *9*

T

talk key *8*
terms used in this guide *124*
text messages
  erasing *83*
  forwarding *83*
  receiving *81, 87*
  resending from the outbox *80*
  sending *79*
  sending and receiving *75*
touch tones
  setting *47*
  setting length *47*
  storing sequences (strings) *48*
troubleshooting *119*
troubleshooting (FAQs) *120*

V

vibrating alert *52*
voice mail *30*
  greetings and passwords *31*
  listening to messages *31*
  message received *30*
  setting up *30*
voice privacy *15*

W

warning tones *53*
  welcome note, adding *59*

Para obtener un manual del usuario en español favor de llamar o enviar un fax al teléfono 1-888-NOKIA-2U, fax 813-249-9619.